

Safety Data Sheet

Compliant with Annex II of REACH - Regulation 2020/878

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code **V49315**
Name **CLEANSING BASE HK**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description / Use **Detergent base to be used in playful activities.**

1.3. Details of the supplier of the safety data sheet

Company **CLEMENTONI Spa**
Address **ZONA INDUSTRIALE FONTENOCE
62019 RECANATI (MC)
ITALIA
tel. 07175811
fax 071758123**

e-mail of the competent person responsible
for the safety data sheet **info@clementoni.it**

Responsible for placing on the market: **Technical department**

1.4. Emergency telephone number (Italy)

For urgent information contact

**Centro Antiveleni - Osp. Pediatrico Bambino Gesù - Dip. Emergenza e Accettazione
DEA - Roma - Tel. 06 68593726**
Centro Antiveleni - Azienda Ospedaliera Universitaria - Foggia - Tel. 800183459
Centro Antiveleni - Azienda Ospedaliera A. Cardarelli - Napoli - Tel. 081 5453333
Centro Antiveleni - Policlinico Umberto I - Roma - Tel. 06 49978000
Centro Antiveleni - Policlinico A. Gemelli - Roma - Tel. 06 3054343
**Centro Antiveleni - Azienda Ospedaliera Careggi U.O. Tossicologia Medica - Firenze
- Tel. 055 7947819**
**Centro Antiveleni - Centro Nazionale di Informazione Tossicologica - Pavia - Tel.
0382 24444**
Centro Antiveleni - Ospedale Niguarda Cà Granda - Milano - Tel. 02 66101029
**Centro Antiveleni - Azienda Ospedaliera Papa Giovanni XXII - Bergamo - Tel.
800883300**
Centro Antiveleni - Azienda Ospedaliera Integrata Verona - Verona - Tel. 800011858

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet compliant with the provisions of Regulation (EU) 2020/878. Any additional information regarding risks to health and / or the environment are given in sections. 11 and 12 of this sheet.

Hazard classification and indications:

Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.

2.2. Label elements

Danger labeling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms:



SECTION 2. Hazards identification ... / >>

Warnings:	Attention
Hazard statements:	
H319	Causes serious eye irritation.
H315	Causes skin irritation.
Precautionary advice:	
P280	Wear protective gloves and protect eyes / face.
P337+P313	If eye irritation persists, consult a doctor.
P264	Wash the skin thoroughly after use.

2.3. Other hazards

Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.

The product does not contain substances having properties of interference with the endocrine system in a concentration $> 0.1\%$.

SECTION 3. Composition/information on ingredients**3.1. Substance**

Not relevant information

3.2. Mixture

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
Sodium laureth sulfate		
CAS 9004-82-4	$10 \leq x < 15$	Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Irrit. 2 H315 LD50 Orale: 1820 mg/kg
CE 221-416-0		
INDEX		
Cocamidopropyl betaine		
CAS 61789-40-0	$5 \leq x < 10$	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412
CE 263-058-8		
INDEX		

The full wording of the hazard statements (H) is given in section 16 of the sheet.

SECTION 4. First aid measures**4.1. Description of first aid measures**

EYES: Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists.

SKIN: Take off contaminated clothing. Wash immediately and abundantly with water. If irritation persists, consult a physician. Wash the contaminated garments before reusing them.

INHALATION: Take the subject to fresh air. If breathing is difficult, call a doctor right away.

INGESTION: Get medical attention immediately. Induce vomiting only on medical advice. Do not administer anything by mouth if the subject is unconscious and if not authorized by the doctor.

4.2. Most important symptoms and effects, both acute and delayed

No specific information on symptoms and effects caused by the product is known.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures**5.1. Fire fighting**

SUITABLE EXTINGUISHING MEDIA

The extinguishing media are the traditional ones: carbon dioxide, foam, powder and nebulized water.

UNSUITABLE EXTINGUISHING MEDIA

No one in particular.

SECTION 5. Firefighting measures ... / >>**5.2. Special hazards arising from the substance or mixture**

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

EQUIPMENT

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Stop the leak if there is no danger.

Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and material for containment and cleaning up

Suck up the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product by checking the section 10. Absorb the remainder with inert absorbent material.

Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment.

Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, checking section 10.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection**8.1. Control parameters**

SECTION 8. Exposure controls/personal protection ... / >>

Sodium laureth sulfate

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	0,086	mg/l
Reference value in marine water	0,009	mg/l
Reference value for water, intermittent release	0,861	mg/l

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on general population			Effects on workers				
	Local	Systemic	Local	Systemic	Local	Systemic	Local	Systemic
	acute	acute	chronic	chronic	acute	acute	chronic	chronic
Oral				0,156 mg/kg bw/d				
Inhalation				0,272 mg/m3				1,102 mg/m3
Dermal				0,312 mg/kg bw/d				0,625 mg/kg bw/d

Cocamidopropyl betaine

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	3,2	ug/l
Reference value in marine water	0,32	ug/l
Reference value for sediments in fresh water	0,219	mg/kg/d
Reference value for sediments in marine water	21,9	ug/kg/d
Reference value for STP microorganisms	300	mg/l
Reference value for the terrestrial compartment	41,9	ug/kg/d
Reference value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on general population			Effects on workers				
	Local	Systemic	Local	Systemic	Local	Systemic	Local	Systemic
	acute	acute	chronic	chronic	acute	acute	chronic	chronic
Oral				0,833 mg/kg bw/d				
Inhalation	NPI		NPI	1,45 mg/m3	NPI		NPI	8,22 mg/m3
Dermal				0,833 mg/kg bw/d				2,33 mg/kg bw/d

2-PHENOXYETHANOL

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	0,943	mg/l
Reference value in marine water	0,094	mg/l
Reference value for sediments in fresh water	7237	mg/kg/d
Reference value for sediments in marine water	0,724	mg/kg/d
Reference value for water, intermittent release	3,44	mg/l
Reference value for STP microorganisms	36	mg/l
Reference value for the terrestrial compartment	1,31	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on general population			Effects on workers				
	Local	Systemic	Local	Systemic	Local	Systemic	Local	Systemic
	acute	acute	chronic	chronic	acute	acute	chronic	chronic
Oral		9,23 mg/kg bw/d		9,23 mg/kg bw/d				
Inhalation			2,41 mg/m3	2,41 mg/m3			5,7 mg/m3	5,7 mg/m3
Dermal							10,42 mg/kg bw/d	20,83 mg/kg bw/d

VND = hazard identified but no DNEL / PNEC available; NEA = no exposure expected; NPI = no hazard identified.

8.2. Exposure controls

Considering that the use of adequate technical measures should always have priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust.

For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers.

Individual protection devices must bear the CE marking which certifies their compliance with current regulations.

Provide an emergency shower with face and eye basin.

SECTION 8. Exposure controls/personal protection ... / >>

HAND PROTECTION

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION

Wear category II work clothes with long sleeves and safety footwear for professional use (ref. Regulation 2016/425 and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is recommended to wear airtight protective goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.

The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or a self-contained breathing apparatus. outdoor air (ref. EN 138 standard). For the correct choice of the respiratory protection device, refer to the EN 529 standard.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Information
Physical state	liquid	
Color	transparent yellow	
Smell	Not available	
Melting or freezing point	Not available	
Initial boiling point	Not available	
Flammability	Not available	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	> 93 °C	
Self-ignition temperature	Not available	
Decomposition temperature	Not available	
pH	5	
Kinematic viscosity	Not available	
Solubility	Not available	
Partition coefficient: n-octanol / water:	0	
Vapor pressure	Not available	
Density and / or Relative density	1	
Relative vapor density	Not available	
Characteristics of the particles	Not applicable	

9.2. Other information

9.2.1. Information relating to the classes of physical hazards

Information not available

9.2.2. Other security features

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

SECTION 10. Stability and reactivity ... / >>**10.3. Possibility of hazardous reactions**

In normal conditions of use and storage no dangerous reactions are foreseeable.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions against chemicals.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria established by the reference legislation for classification. Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects resulting from exposure to the product.

11.1. Information on the hazard classes defined in Regulation (EC) No. 1272/2008Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects and chronic effects from short and long term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no relevant component)
ATE (Oral) of the mixture:	>2000 mg/kg
ATE (Dermal) of the mixture:	Not classified (no relevant component)

Sodium laureth sulfate	
LD50 (Oral):	1820 mg/kg rat
LD50 (Dermal):	580 mg/kg rabbit
Cocamidopropyl betaine	
LD50 (Oral):	> 5000 mg/kg bw rat
LD50 (Dermal):	2000 mg/kg bw rabbit

SKIN CORROSION / SKIN IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / EYE IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITIZATION

It does not meet the classification criteria for this hazard class

MUTAGENICITY ON GERMINAL CELLS

SECTION 11. Toxicological information ... / >>

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

DANGER IN CASE OF SUCTION

It does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12. Ecological information

Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation.

12.1. Toxicity

Sodium laureth sulfate	
LC50 - Fish	25 mg/l/96h danio rerio
EC50 - Crustaceans	46 mg/l/48h oryzias latipes

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.

12.6. Properties of interference with the endocrine system

Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment being assessed.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force.

Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.

The transport of waste may be subject to ADR.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not to be considered dangerous pursuant to the provisions in force on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packaging group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for users

Not applicable

14.7. Bulk shipping in accordance with IMO acts

Not relevant information

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso Category - Directive 2012/18 / EC: None

Restrictions relating to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006

Product

Point 3

Contained substances

Point 75

Regulation (EC) Nr. 2019/1148 - concerning the placing on the market and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

Based on available data, the product does not contain SVHC substances in percentage $\geq 0.1\%$.

Substances subject to authorization (Annex XIV REACH)

SEZIONE 15. Informazioni sulla regolamentazione ... / >>

None

Substances subject to export notification obligation Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Sanitary checks

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out in accordance with the provisions of art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk to the safety and health of the worker has been assessed as irrelevant, in accordance with the provisions of art. 224 paragraph 2.

15.2. Chemical safety assessment

A chemical safety assessment has not been developed for the mixture / substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in sections 2-3 of the sheet:

Acute Tox. 4	Acute toxicity, category 4
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Aquatic Chronic 3	Dangerous for the aquatic environment, chronic toxicity, category 3
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- CE NUMBER: Identification number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EC50: Concentration affecting 50% of the population under test
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- STA: Acute Toxicity Estimate
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure. - TWA: Weighted average exposure limit
- TWA STEL: Short term exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH

SECTION 16. Other information ... / >>

- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II REACH Regulation)
4. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated regulation (EU) 2021/849 (XVII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA Agency website
- Database of SDS models of chemical substances - Ministry of Health and National Institute of Health

Note for the user:

The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, the user is obliged to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. No responsibility is assumed for improper use.

Provide adequate training to personnel assigned to the use of chemical products.

METHODS OF CALCULATING THE CLASSIFICATION

Physico-chemical hazards: The classification of the product was derived from the criteria established by the CLP Regulation Annex I Part 2. The methods for assessing the physico-chemical properties are reported in section 9.

Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.

Safety Data Sheet

Compliant with Annex II of REACH - Regulation 2020/878

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **V49316**
Name: **MOISTURIZING BASE HK**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description / Use: **Moisturizing base to be used in playful activities.**

1.3. Details of the supplier of the safety data sheet

Company: **CLEMENTONI Spa**
Address: **ZONA INDUSTRIALE FONTENOCE**
62019 RECANATI (MC)
ITALIA
tel.: **07175811**
fax: **071758123**

e-mail of the competent person responsible
for the safety data sheet: **info@clementoni.it**

Responsible for placing on the market: **Technical department**

1.4. Emergency telephone number (Italy)

For urgent information contact:

**Centro Antiveleni - Osp. Pediatrico Bambino Gesù - Dip. Emergenza e Accettazione
DEA - Roma - Tel. 06 68593726**
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Centro Antiveleni - Azienda Ospedaliera A. Cardarelli - Napoli - Tel. 081 5453333
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**Centro Antiveleni - Azienda Ospedaliera Careggi U.O. Tossicologia Medica - Firenze
- Tel. 055 7947819**
**Centro Antiveleni - Centro Nazionale di Informazione Tossicologica - Pavia - Tel.
0382 24444**
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SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet compliant with the provisions of Regulation (EU) 2020/878. Any additional information regarding risks to health and / or the environment are given in sections. 11 and 12 of this sheet.

Hazard classification and indications:

Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.

2.2. Label elements

Danger labeling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms:



	CLEMENTONI SPA V49316 - MOISTURIZING BASE	Revision n.1 Revision date 23/09/2020 New emission Printed 11/17/2021 Page no. 2/10 EN															
SECTION 2. Hazards identification ... / >>																	
Warnings: Hazard statements: H319 H315 Precautionary advice: P280 P337+P313 P264	Attention Causes serious eye irritation. Causes skin irritation. Wear protective gloves and protect eyes / face. If eye irritation persists, consult a doctor. Wash the skin thoroughly after use.																
2.3. Other hazards Based on available data, the product does not contain PBT or vPvB substances in percentage ≥ 0.1%. The product does not contain substances having properties of interference with the endocrine system in a concentration> = 0.1%.																	
SECTION 3. Composition/information on ingredients																	
3.1. Substance Not relevant information 3.2. Mixture Contains: <table> <tr> <th>Identification</th><th>x = Conc. %</th><th>Classification 1272/2008 (CLP)</th></tr> <tr> <td>Cocamidopropyl betaine</td><td></td><td></td></tr> <tr> <td>CAS 61789-40-0</td><td>10 ≤ x < 11,5</td><td>Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412</td></tr> <tr> <td>CE 263-058-8</td><td></td><td></td></tr> <tr> <td>INDEX</td><td></td><td></td></tr> </table> The full wording of the hazard statements (H) is given in section 16 of the sheet.			Identification	x = Conc. %	Classification 1272/2008 (CLP)	Cocamidopropyl betaine			CAS 61789-40-0	10 ≤ x < 11,5	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412	CE 263-058-8			INDEX		
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INDEX																	
SECTION 4. First aid measures																	
4.1. Description of first aid measures EYES: Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists. SKIN: Take off contaminated clothing. Wash immediately and abundantly with water. If irritation persists, consult a physician. Wash the contaminated garments before reusing them. INHALATION: Take the subject to fresh air. If breathing is difficult, call a doctor right away. INGESTION: Get medical attention immediately. Induce vomiting only on medical advice. Do not administer anything by mouth if the subject is unconscious and if not authorized by the doctor. 4.2. Most important symptoms and effects, both acute and delayed No specific information on symptoms and effects caused by the product is known. 4.3. Indication of any immediate medical attention and special treatment needed Information not available																	
SECTION 5. Firefighting measures																	
5.1. Fire fighting SUITABLE EXTINGUISHING MEDIA The extinguishing media are the traditional ones: carbon dioxide, foam, powder and nebulized water. UNSUITABLE EXTINGUISHING MEDIA No one in particular. 5.2. Special hazards arising from the substance or mixture HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE																	

SECTION 5. Firefighting measures ... / >>

Avoid breathing combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

EQUIPMENT

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Stop the leak if there is no danger.

Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and material for containment and cleaning up

Suck up the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product by checking the section 10.

Absorb the remainder with inert absorbent material.

Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, checking section 10.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection**8.1. Control parameters**

SECTION 8. Exposure controls/personal protection ... / >>

Cocamidopropyl betaine

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	3,2	ug/l
Reference value in marine water	0,32	ug/l
Reference value for sediments in fresh water	0,219	mg/kg/d
Reference value for sediments in marine water	21,9	ug/kg/d
Reference value for STP microorganisms	300	mg/l
Reference value for the terrestrial compartment	41,9	ug/kg/d
Reference value for the atmosphere	NPI	

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on general population				Effects on workers			
	Local acute	Systemic acute	Local chronic	Systemic chronic	Local acute	Systemic acute	Local chronic	Systemic chronic
Oral				0,833 mg/kg bw/d				
Inhalation	NPI		NPI	1,45 mg/m3	NPI		NPI	8,22 mg/m3
Dermal				0,833 mg/kg bw/d				2,33 mg/kg bw/d

2-PHENOXYETHANOL

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	0,943	mg/l
Reference value in marine water	0,094	mg/l
Reference value for sediments in fresh water	7237	mg/kg/d
Reference value for sediments in marine water	0,724	mg/kg/d
Reference value for water, intermittent release	3,44	mg/l
Reference value for STP microorganisms	36	mg/l
Reference value for the terrestrial compartment	1,31	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on general population				Effects on workers			
	Local acute	Systemic acute	Local chronic	Systemic chronic	Local acute	Systemic acute	Local chronic	Systemic chronic
Oral		9,23 mg/kg bw/d		9,23 mg/kg bw/d				
Inhalation			2,41 mg/m3	2,41 mg/m3			5,7 mg/m3	5,7 mg/m3
Dermal							10,42 mg/kg bw/d	20,83 mg/kg bw/d

VND = hazard identified but no DNEL / PNEC available; NEA = no exposure expected; NPI = no hazard identified.

8.2. Exposure controls

Considering that the use of adequate technical measures should always have priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust.

For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers.

Individual protection devices must bear the CE marking which certifies their compliance with current regulations.

Provide an emergency shower with face and eye basin.

HAND PROTECTION

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION

Wear category II work clothes with long sleeves and safety footwear for professional use (ref. Regulation 2016/425 and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is recommended to wear airtight protective goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.

The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

In case the substance considered is odorless or its olfactory threshold is higher than the relative TLV-TWA and in case of emergency,

SECTION 8. Exposure controls/personal protection ... / >>

Wear an open circuit compressed air self-contained breathing apparatus (ref. EN 137 standard) or a respirator with external air intake (ref. EN 138 standard). For the correct choice of the respiratory protection device, refer to the EN 529 standard.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Property	Value	Information
Physical state	liquid	
Color	transparent yellow	
Smell	slightly pungent	
Melting or freezing point	Not available	
Initial boiling point	Not available	
Flammability	Not available	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	> 93 °C	
Self-ignition temperature	Not available	
Decomposition temperature	Not available	
pH	6,2	
Kinematic viscosity	Not available	
Solubility	soluble in water	
Partition coefficient: n-octanol / water:	0	
Vapor pressure	Not available	
Density and / or Relative density	Not available	
Relative vapor density	Not available	
Characteristics of the particles	Not applicable	

9.2. Other information**9.2.1. Information relating to the classes of physical hazards**

Information not available

9.2.2. Other security features

Information not available

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

In normal conditions of use and storage no dangerous reactions are foreseeable.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions against chemicals.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria established by the reference legislation for classification. Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects resulting from exposure to the product.

11.1. Information on the hazard classes defined in Regulation (EC) No. 1272/2008Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects and chronic effects from short and long term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no relevant component)
ATE (Oral) of the mixture:	Not classified (no relevant component)
ATE (Dermal) of the mixture:	Not classified (no relevant component)

Cocamidopropyl betaine	
LD50 (Oral):	> 5000 mg/kg bw rat
LD50 (Cutanea):	2000 mg/kg bw rabbit

SKIN CORROSION / SKIN IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / EYE IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITIZATION

It does not meet the classification criteria for this hazard class

MUTAGENICITY ON GERMINAL CELLS

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

DANGER IN CASE OF SUCTION

	CLEMENTONI SPA V49316 - MOISTURIZING BASE	Revision n.1 Revision date 23/09/2020 New emission Printed 11/17/2021 Page no. 7/10 EN
SECTION 11. Toxicological information ... / >>		
It does not meet the classification criteria for this hazard class		
11.2. Information on other hazards		
Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.		
SECTION 12. Ecological information		
Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation.		
12.1. Toxicity		
Information not available		
12.2. Persistence and degradability		
Information not available		
12.3. Bioaccumulative potential		
Information not available		
12.4. Mobility in soil		
Information not available		
12.5. Results of PBT and vPvB assessment		
Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.		
12.6. Properties of interference with the endocrine system		
Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment being assessed.		
12.7. Other adverse effects		
Information not available		
SECTION 13. Disposal considerations		
13.1. Waste treatment methods		
Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force. Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations. The transport of waste may be subject to ADR. CONTAMINATED PACKAGING Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.		
SECTION 14. Transport information		
The product is not to be considered dangerous pursuant to the provisions in force on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).		
14.1. UN number		
Not applicable		
14.2. UN proper shipping name		
Not applicable		

SECTION 14. Transport information ... / >>**14.3. Transport hazard class(es)**

Not applicable

14.4. Packaging group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for users

Not applicable

14.7. Bulk shipping in accordance with IMO acts

Not relevant information

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Seveso Category - Directive 2012/18 / EC: NoneRestrictions relating to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006Product

Point 3

Contained substances

Point 75

Regulation (EC) Nr. 2019/1148 - concerning the placing on the market and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)Based on available data, the product does not contain SVHC substances in percentage $\geq 0.1\%$.Substances subject to authorization (Annex XIV REACH)

None

Substances subject to export notification obligation Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:Sanitary checks

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out in accordance with the provisions of art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk to the safety and health of the worker has been assessed as irrelevant, in accordance with the provisions of art. 224 paragraph 2.

15.2. Chemical safety assessment

A chemical safety assessment has not been developed for the mixture / substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in sections 2-3 of the sheet:

Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Aquatic Chronic 3	Dangerous for the aquatic environment, chronic toxicity, category 3
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

LEGEND:

- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- CE NUMBER: Identification number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EC50: Concentration affecting 50% of the population under test
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- STA: Acute Toxicity Estimate
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure. - TWA: Weighted average exposure limit
- TWA STEL: Short term exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II REACH Regulation)
4. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated regulation (EU) 2021/849 (XVII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety

SECTION 16. Other information ... / >>

- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA Agency website
- Database of SDS models of chemical substances - Ministry of Health and National Institute of Health

Note for the user:

The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, the user is obliged to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. No responsibility is assumed for improper use.

Provide adequate training to personnel assigned to the use of chemical products.

METHODS OF CALCULATING THE CLASSIFICATION

Physico-chemical hazards: The classification of the product was derived from the criteria established by the CLP Regulation Annex I Part 2. The methods for assessing the physico-chemical properties are reported in section 9.

Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.

Safety Data Sheet

Compliant with Annex II of REACH - Regulation 2020/878

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **V49317**
Name: **SOAP BASE HK**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description / Use: **Base for soap to be used in playful activities.**

1.3. Details of the supplier of the safety data sheet

Company: **CLEMENTONI Spa**
Address: **ZONA INDUSTRIALE FONTENOCE**
62019 RECANATI (MC)
ITALIA
tel.: **07175811**
fax: **071758123**

e-mail of the competent person responsible
for the safety data sheet: **info@clementoni.it**

Responsible for placing on the market: **Technical department**

1.4. Emergency telephone number (Italy)

For urgent information contact:

**Centro Antiveleni - Osp. Pediatrico Bambino Gesù - Dip. Emergenza e Accettazione
DEA - Roma - Tel. 06 68593726**
Centro Antiveleni - Azienda Ospedaliera Universitaria - Foggia - Tel. 800183459
Centro Antiveleni - Azienda Ospedaliera A. Cardarelli - Napoli - Tel. 081 5453333
Centro Antiveleni - Policlinico Umberto I - Roma - Tel. 06 49978000
Centro Antiveleni - Policlinico A. Gemelli - Roma - Tel. 06 3054343
**Centro Antiveleni - Azienda Ospedaliera Careggi U.O. Tossicologia Medica - Firenze
- Tel. 055 7947819**
**Centro Antiveleni - Centro Nazionale di Informazione Tossicologica - Pavia - Tel.
0382 24444**
Centro Antiveleni - Ospedale Niguarda Cà Granda - Milano - Tel. 02 66101029
**Centro Antiveleni - Azienda Ospedaliera Papa Giovanni XXII - Bergamo - Tel.
800883300**
Centro Antiveleni - Azienda Ospedaliera Integrata Verona - Verona - Tel. 800011858

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet compliant with the provisions of Regulation (EU) 2020/878. Any additional information regarding risks to health and / or the environment are given in sections. 11 and 12 of this sheet.

Hazard classification and indications:
Eye irritation, category 2 H319 Causes serious eye irritation

2.2. Label elements

Danger labeling pursuant to Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms:



Warnings: Attention

SECTION 2. Hazards identification ... / >>

Hazard statements:

H319 Causes serious eye irritation.

Precautionary advice:

P280 Wear protective gloves and protect eyes / face.
P337+P313 If eye irritation persists, consult a doctor.**2.3. Other hazards**Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.The product does not contain substances having properties of interference with the endocrine system in a concentration $> 0.1\%$.**SECTION 3. Composition/information on ingredients****3.1. Substance**

Not relevant information

3.2. Mixture

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
Sulfuric acid, mono-C12-16-alkyl esters, sodium salts		
CAS	73296-89-6	$1 \leq x < 1,5$
CE	277-362-3	
INDEX		

Eye Dam. 1 H318, Skin Irrit. 2 H315

The full wording of the hazard statements (H) is given in section 16 of the sheet.

SECTION 4. First aid measures**4.1. Description of first aid measures**

EYES: Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists.

SKIN: Take off contaminated clothing. Take a shower immediately. Wash the contaminated garments before reusing them.

INHALATION: Take the subject to fresh air. If breathing stops, give artificial respiration. Call a doctor immediately.

INGESTION: Call a doctor immediately. Do not induce vomiting. Do not give anything that is not expressly authorized by your doctor.

4.2. Most important symptoms and effects, both acute and delayed

No specific information on symptoms and effects caused by the product is known.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures**5.1. Fire fighting**

SUITABLE EXTINGUISHING MEDIA

The extinguishing media are the traditional ones: carbon dioxide, foam, powder and nebulized water.

UNSUITABLE EXTINGUISHING MEDIA

No one in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Cool the containers with jets of water to avoid product decomposition and the development of potentially dangerous substances

potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

EQUIPMENT

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop the leak if there is no danger.

Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and material for containment and cleaning up

Suck up the leaked product into a suitable container. Evaluate the compatibility of the container to be used with the product by checking the section 10. Absorb the remainder with inert absorbent material.

Provide sufficient ventilation of the place affected by the leak. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, checking section 10.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

PROPYLENGLYCOL

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	260	mg/l
Reference value in marine water	26	mg/l
Reference value for sediments in fresh water	572	mg/kg/d
Reference value for sediments in marine water	57,2	mg/kg/d
Reference value for water, intermittent release	183	mg/l
Reference value for STP microorganisms	20000	mg/l
Reference value for the terrestrial compartment	50	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on general population				Effects on workers			
	Local acute	Systemic acute	Local chronic	Systemic chronic	Local acute	Systemic acute	Local chronic	Systemic chronic
Inhalation			10 mg/m3	50 mg/m3			10 mg/m3	168 mg/m3

SECTION 8. Exposure controls/personal protection ... / >>

GLYCEROL								
Predicted concentration of no effect on the environment - PNEC								
Reference value in fresh water					0,885	mg/l		
Reference value in marine water					0,088	mg/l		
Reference value for sediments in fresh water					3,3	mg/kg/d		
Reference value for sediments in marine water					0,33	mg/kg/d		
Reference value for water, intermittent release					8,85	mg/l		
Reference value for STP microorganisms					1000	mg/l		
Reference value for the terrestrial compartment					0,141	mg/kg/d		
Health - Derived no-effect level - DNEL / DMEL								
Exposure	Effects on general population				Effects on workers			
	Local acute	Systemic acute	Local chronic	Systemic chronic	Local acute	Systemic acute	Local chronic	Systemic chronic
Oral				229 mg/kg bw/d				
Inhalation			33 mg/m3				56 mg/m3	

VND = hazard identified but no DNEL / PNEC available; NEA = no exposure expected; NPI = no hazard identified.

8.2. Exposure controls

Considering that the use of adequate technical measures should always have priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust.

For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers.

Individual protection devices must bear the CE marking which certifies their compliance with current regulations.

Provide an emergency shower with face and eye basin.

HAND PROTECTION

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION

Wear category I work clothes with long sleeves and safety footwear for professional use (ref. Regulation 2016/425 and standard EN ISO 20344).

Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is recommended to wear airtight protective goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.

The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or a self-contained breathing apparatus. outdoor air (ref. EN 138 standard). For the correct choice of the respiratory protection device, refer to the EN 529 standard.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Information
Physical state	solid	
Color	Not available	
Smell	odorless	
Melting or freezing point	Not available	
Initial boiling point	Not available	
Flammability	Not available	
Lower explosive limit	Not available	
Upper explosive limit	Not available	
Flash point	> 93 °C	
Self-ignition temperature	Not available	
Decomposition temperature	Not available	

SEZIONE 9. Proprietà fisiche e chimiche ... / >>

pH	Not available
Kinematic viscosity	Not available
Solubility	Not available
Partition coefficient: n-octanol / water:	0
Vapor pressure	16,67 mmHg
Density and / or Relative density	Not available
Relative vapor density	Not available
Characteristics of the particles	Not applicable

9.2. Other information

9.2.1. Information relating to the classes of physical hazards

Information not available

9.2.2. Altre caratteristiche di sicurezza

Information not available

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

PROPYLENGLYCOL

Hygroscopic. Stable in normal conditions of use and storage.

At high temperatures it tends to oxidize to give propionaldehyde and lactic and acetic acid.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

In normal conditions of use and storage no dangerous reactions are foreseeable.

PROPYLENGLYCOL

It can react dangerously with: acid chlorides, acid anhydrides, oxidizing agents.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions against chemicals.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products**PROPYLENGLYCOL**

It can develop: carbon oxides.

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria established by the reference legislation for classification. Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects resulting from exposure to the product.

11.1. Information on the hazard classes defined in Regulation (EC) No. 1272/2008Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects and chronic effects from short and long term exposure

SECTION 11. Toxicological information ... / >>

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no relevant component)
ATE (Oral) of the mixture:	Not classified (no relevant component)
ATE (Dermal) of the mixture:	Not classified (no relevant component)

Sucrose	
LD50 (Orale):	29700 mg/kg rat

PROPYLENGLYCOL	
LD50 (Oral):	> 20000 mg/kg mouse
LD50 (Dermal):	> 2000 mg/kg rabbit

GLYCEROL	
LD50 (Oral):	> 11500 mg/kg rat
LD50 (Dermal):	56750 mg/kg guinea pig
LC50 (Inhalation of vapors):	> 275 mg/l/1h rat

Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	
LD50 (Oral):	> 2000 mg/kg rat
LD50 (Dermal):	2000 mg/kg rat

SKIN CORROSION / SKIN IRRITATION

It does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / EYE IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / EYE IRRITATION

It does not meet the classification criteria for this hazard class

MUTAGENICITY ON GERMINAL CELLS

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

DANGER IN CASE OF SUCTION

It does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12. Ecological information

Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation.

12.1. Toxicity

PROPYLENGLYCOL	
LC50 - Pisces	40613 mg/l/96h oncorhynchus mykiss
EC50 - Crustaceans	18340 mg/l/48h mysidopsis bahia
EC50 - Algae / Aquatic Plants	19000 mg/l/72h pseudokirchneriella subcapitata
Chronic NOEC Crustaceans	13020 mg/l ceriodaphnia

GLYCEROL	
LC50 - Pisces	> 885 mg/l/96h
EC50 - Crustaceans	1955 mg/l/48h daphnia magna
EC50 - Algae / Aquatic Plants	2900 mg/l/72h

Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	
LC50 - Pesci	1,3 mg/l/96h
EC50 - Crustaceans	2,8 mg/l/48h
EC50 - Algae / Aquatic Plants	12 mg/l/72h

12.2. Persistence and degradability

PROPYLENGLYCOL	
Solubility in water	1000 - 10000 mg/l
Quickly degradable	

12.3. Bioaccumulative potential

PROPYLENGLYCOL	
Partition coefficient: n-octanol / water	-1,07
BCF	0,09

12.4. Mobility in soil

PROPYLENGLYCOL	
Partition coefficient: soil / water	0,46

12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.

12.6. Properties of interference with the endocrine system

Based on the available data, the substance is not listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment being assessed.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force.

Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not to be considered dangerous pursuant to the provisions in force on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packaging group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Bulk shipping in accordance with IMO acts

Not relevant information

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso Category - Directive 2012/18 / EC: None

Restrictions relating to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006

Product

Point 3

Regulation (EC) Nr. 2019/1148 - concerning the placing on the market and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

In base ai dati disponibili, il prodotto non contiene sostanze SVHC in percentuale $\geq$ a 0,1%.

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to export notification obligation Reg. (EC) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Controlli Sanitari

Workers exposed to this chemical dangerous to health must be subjected to health surveillance carried out in accordance with

SECTION 15. Regulatory information ... / >>

the provisions of art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk to the safety and health of the worker has been assessed as irrelevant, in accordance with the provisions of art. 224 paragraph 2.

15.2. Chemical safety assessment

A chemical safety assessment has not been developed for the mixture / substances indicated in section 3.

SEZIONE 16. Altre informazioni

Text of hazard (H) indications mentioned in sections 2-3 of the sheet:

Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.

LEGEND:

- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- CE NUMBER: Identification number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EC50: Concentration affecting 50% of the population under test
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- STA: Acute Toxicity Estimate
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure.
- TWA: Weighted average exposure limit
- TWA STEL: Short term exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II REACH Regulation)
4. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)

SECTION 16. Other information... / >>

12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated regulation (EU) 2021/849 (XVII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA Agency website
- Database of SDS models of chemical substances - Ministry of Health and National Institute of Health

Note for the user:

The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, the user is obliged to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. No responsibility is assumed for improper use.

Provide adequate training to personnel assigned to the use of chemical products

METHODS OF CALCULATING THE CLASSIFICATION

Physico-chemical hazards: The classification of the product was derived from the criteria established by the CLP Regulation Annex I Part 2.

The methods for assessing the physico-chemical properties are reported in section 9.

Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.

Safety Data Sheet

Compliant with Annex II of REACH - Regulation 2020/878

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: V37753
Name: CREAM BASE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description /Use: Base for cream to be used in playful activities.

1.3. Information on the supplier of the safety data sheet

Company: CLEMENTONI Spa
Address: ZONA INDUSTRIALE FONTENOCE
62019 RECANATI (MC)
ITALIA
tel. 07175811
fax 071758123

e-mail of the competent person responsible
for the safety data sheet: info@clementoni.it

Responsible for placing on the market: Technical department

1.4. Emergency telephone number (Italy)

For urgent information contact:

Centro Antiveleni - Osp. Pediatrico Bambino Gesù - Dip. Emergenza e Accettazione
DEA - Roma - Tel. 06 68593726
Centro Antiveleni - Azienda Ospedaliera Universitaria - Foggia - Tel. 800183459
Centro Antiveleni - Azienda Ospedaliera A. Cardarelli - Napoli - Tel. 081 5453333
Centro Antiveleni - Policlinico Umberto I - Roma - Tel. 06 49978000
Centro Antiveleni - Policlinico A. Gemelli - Roma - Tel. 06 3054343
Centro Antiveleni - Azienda Ospedaliera Careggi U.O. Tossicologia Medica - Firenze
- Tel. 055 7947819
Centro Antiveleni - Centro Nazionale di Informazione Tossicologica - Pavia - Tel.
0382 24444
Centro Antiveleni - Ospedale Niguarda Cà Granda - Milano - Tel. 02 66101029
Centro Antiveleni - Azienda Ospedaliera Papa Giovanni XXII - Bergamo - Tel.
800883300
Centro Antiveleni - Azienda Ospedaliera Integrata Verona - Verona - Tel. 800011858

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as dangerous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments).

Hazard classification and indications: --

2.2. Label elements

Hazard pictograms: --

Warnings: --

Hazard statements: --

Precautionary advice: --

2.3. Other dangers

Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.

The product does not contain substances having properties of interference with the endocrine system in a concentration $\geq 0.1\%$.

SECTION 3. Composition / information on ingredients

3.1. Substance

Not relevant information

3.2. Mixture

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
----------------	-------------	--------------------------------

White mineral oil (petroleum)

CAS	8042-47-5	$1 \leq x < 5$
-----	-----------	----------------

CE	232-455-8	
----	-----------	--

INDEX

The full wording of the hazard statements (H) is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

Not specifically necessary. In any case, compliance with the rules of good industrial hygiene is recommended.

4.2. Most important symptoms and effects, both acute and delayed

No specific information on symptoms and effects caused by the product is known.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA

The extinguishing media are the traditional ones: carbon dioxide, foam, powder and nebulized water.

UNSUITABLE EXTINGUISHING MEDIA

No one in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health. Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into the sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

EQUIPMENT

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapors or dust dispersed in the air, adopt respiratory protection. These indications are valid both for the workers and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

SECTION 6. Accidental release measures ... / >>

6.3. Methods and material for containment and cleaning up

Dike with earth or inert material. Collect most of the material and eliminate the residue with jets of water. The disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities

Keep the product in clearly labeled containers. Keep containers away from any incompatible materials, checking section 10.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Normative requirements:

AUS	Österreich	Gesamte Rechtsvorschrift für Grenzwerteverordnung 2021 , Fassung vom 17.06.2021
CHE	Suisse / Schweiz	Valeurs limites d'exposition aux postes de travail: VME/VLE (SUVA). Grenzwerte am Arbeitsplatz: MAK (SUVA)
DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
FIN	Suomi	HTP-VÄRDEN 2020. Koncentrationer som befunnits skadliga. SOCIAL - OCH HÄLSOVÄRDSMINISTERIETS PUBLIKATIONER 2020:25
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy
SVN	Slovenija	Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu (Uradni list RS, št. 100/01, 39/05, 53/07, 102/10, 43/11 – ZVZD-1, 38/15, 78/18 in 78/19)
	TLV-ACGIH	ACGIH 2020

Ethylhexyl stearate

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	NPI	
Reference value in sea water	NPI	
Reference value for sediments in fresh water	2,978	mg/kg/d
Reference value for sediments in sea water	2,978	mg/kg/d
Reference value for water, intermittent release	NPI	
Reference value for STP microorganisms	NPI	
Reference value for the terrestrial compartment	NPI	
Reference value for the atmosphere	NPI	

SECTION 8. Exposure controls/personal protection ... / >>

White mineral oil (petroleum)

Threshold limit value

Microbial limit values								
Type	State	TWA/8h		STEL/15min		Notes / Observations		
		mg/m3	ppm	mg/m3	ppm			
TLV-ACGIH		5						
Health - Derived no-effect level - DNEL / DMEL								
	Effects on consumers				Effects on workers			
Exposure	Local	Systemic		Local	Systemic	Local	Systemic	
	acute	acute		chronic	chronic	acute	acute	chronic
Oral					25			
					mg/kg bw/d			
Inhalation					34,78			164,56
					mg/m3			mg/m3
Dermal					93,02			217,05
					mg/kg bw/d			mg/kg
								bw/d

GLYCEROL

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	0,885	mg/l
Reference value in sea water	0,088	mg/l
Reference value for sediments in fresh water	3,3	mg/kg/d
Reference value for sediments in sea water	0,33	mg/kg/d
Reference value for water, intermittent release	8,85	mg/l
Reference value for STP microorganisms	1000	mg/l
Reference value for the terrestrial compartment	0,141	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on consumers		Local	Systemic	Effects on workers			
	Local	Systemic			Local	Systemic	Local	Systemic
	acute	acute	chronic	chronic	acute	acute	chronic	chronic
Oral				229				
				mg/kg bw/d				
Inhalation			33				56	
			mg/m3				mg/m3	

2-PHENOXYETHANOL

Threshold limit value

Type	State	TWA/8h		STEL/15min		Notes / Observations			
		mg/m3	ppm	mg/m3	ppm				
MAK	AUS	110	20	110 (C)	20 (C)				
MAK	CHE	110	20	110	20				
VME/VLE	CHE	110	20	110	20				
AGW	DEU	5,7	1	5,7 (C)	1 (C)				
MAK	DEU	5,7	1	5,7	1				
HTP	FIN	110	20	290	50	SKIN			
NDS/NDSch	POL	230							
MV	SVN	110	20	110	20	SKIN			

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	0,943	mg/l
Reference value in sea water	0,094	mg/l
Reference value for sediments in fresh water	7237	mg/kg/d
Reference value for sediments in sea water	0,724	mg/kg/d
Reference value for water, intermittent release	3,44	mg/l
Reference value for STP microorganisms	36	mg/l
Reference value for the terrestrial compartment	1,31	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on consumers		Local	Systemic	Effects on workers			
	Local	Systemic			Local	Systemic	Local	Systemic
	acute	acute	chronic	chronic	acute	acute	chronic	chronic
Oral		9,23		9,23				
		mg/kg bw/d		mg/kg bw/d				
Inhalation			2,41	2,41			5,7	5,7
			mg/m3	mg/m3			mg/m3	mg/m3
Dermal							10,42	20,83
							mg/kg bw/d	mg/kg bw/d

SECTION 8. Exposure controls/personal protection ... / >>

DISODIUM SALT OF ETHYLENDIAMINOTETRACETIC ACID

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	2,2	mg/l
Reference value in sea water	0,22	mg/l
Reference value for water, intermittent release	1,2	mg/l
Reference value for STP microorganisms	43	mg/l
Reference value for the terrestrial sector	0,72	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on consumers				Effects on workers			
	Local	Systemic	Local	Systemic	Local	Systemic	Local	Systemic
	acute	acute	cronici	cronici	acute	acute	cronici	cronici
Oral			25					
			mg/kg bw/d					
Inhalation					3		1,5	1,5
					mg/m3		mg/m3	
Dermal					1,2		0,6	
					mg/kg bw/d		mg/kg bw/d	

Lauryl glucoside

Predicted concentration of no effect on the environment - PNEC

Reference value in fresh water	0,176	mg/l
Reference value in sea water	0,018	mg/l
Reference value for sediments in fresh water	1516	mg/kg/d
Reference value for sediments in sea water	0,065	mg/kg/d
Reference value for water, intermittent release	0,029	mg/l
Reference value for STP microorganisms	5000	mg/l
Reference value for the food chain (secondary poisoning)	111,11	mg/kg
Reference value for the terrestrial sector	0,654	mg/kg/d

Health - Derived no-effect level - DNEL / DMEL

Exposure	Effects on consumers				Effects on workers			
	Local acute	Systemic acute	Local cronici	Systemic cronici	Local acute	Systemic acute	Local cronici	Systemic cronici
Oral				35,7 mg/kg bw/d				
Inhalation				124 mg/m3				420 mg/m3
Dermal				357000 mg/kg bw/d				595000 mg/kg bw/d

Legend:

ECF Z CEILINDX INALA_ Z Inhalable cractionX RESPIR Z _reathing cractionX TORAC Z Thoracic craction.
SND Z haòard identified but no DNEL / PNEC availableX NEA Z no exposure expectedX NPI Z no haòard identified.

8.2. Exposure controls

Observe the usual safety measures when handling chemicals.

Observe the usual safety measures when handling chemicals.

HAND PROTECTION

rnecessary.

SKIN PROTECTION

rnecessary.

EvE PROTECTION

rnecessary.

RESPIRATORv PROTECTION

In case of exceeding the threshold value Ee.g. TLsJTtAF of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class E1, O or 3F must be chosen in relation to the limit concentration of use. Eref. standard EN 1Q38TF. If there are gases or vapors of a different nature and / or gases or vapors with particles Eaerosols, fumes, mists, etc.F, combined filters must be provided.

The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLsJTtA and in the event of an emergency, wear an openJcircuit compressed air breathing apparatus Eref. Standard EN 13TF or a selfJcontained breathing apparatus. outdoor air Eref. EN 138 standardF. cor the correct choice of the respiratory protection device, refer to the EN ROV standard.

ENSIRONJENTAL EXPOSrRE CONTROLS

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Property	value	Information
Physical state	liquid	
Color	thite	
Odor	odorless	
jelting or freeèdng point	Not available	
Initial boiling point	Not available	
clammability	Not available	
Lower explosive limit	Not available	
rpper explosive limit	Not available	
clash point	> 93 °C	
SelfJignition temperature	Not available	
Decomposition temperature	Not available	
pH	Not available	
Kinematic viscosity	Not available	
Solubility	soluble in water	
Partition coefficient: nJoctanol / water:	Not available	
sapor pressure	Not available	
Density and / or Relative density	Not available	
Relative vapor density	Not available	
Characteristics of the particles	Not applicable	

9.2. Other information

V.O.1. Information relating to the classes of physical haòards

Information not available

9.2.2. Other security features

VOC (Directive 2010/75 / EC) 10,00 %

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemica stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

In normal conditions of use and storage no dangerous reactions are foreseeable.

10.4. Conditions to avoid

None in particular. However, follow the usual precautions against chemicals.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

There are no known episodes of damage to health due to exposure to the product. In any case, it is recommended to operate in compliance with the rules of good industrial hygiene.

11.1. Information on the hazard classes defined in Regulation (EC) No. 1272/2008

SECTION 11. Toxicological information ... / >>Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects and chronic effects from short and long term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no relevant component)
ATE (Oral) of the mixture:	Not classified (no relevant component)
ATE (Dermal) of the mixture:	Not classified (no relevant component)

Ethylhexyl stearate	
LD50 (Oral):	4300 mg/kg mouse
LD50 (Dermal):	2000 mg/kg rat
LC50 (Inhalation of mists / dusts):	5,3 mg/l/4h rat
White mineral oil (petroleum)	
LD50 (Oral):	5000 mg/kg rat
LD50 (Dermal):	2000 mg/kg rabbit
LC50 (Inhalation of vapors):	5 mg/l/4h rat

GLYCEROL	
LD50 (Oral):	> 11500 mg/kg rat
LD50 (Dermal):	56750 mg/kg guinea pig
LC50 (Inhalation of vapors):	> 275 mg/l/1h rat

SKIN CORROSION / SKIN IRRITATION

It does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / EYE IRRITATION

It does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITIZATION

It does not meet the classification criteria for this hazard class

MUTAGENICITY ON GERMINAL CELLS

It does not meet the classification criteria for this hazard class

CARCINOGENICITY

It does not meet the classification criteria for this hazard class

REPRODUCTION TOXICITY

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) – SINGLE EXPOSURE

It does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) – REPEATED EXPOSURE

It does not meet the classification criteria for this hazard class

DANGER IN CASE OF SUCTION

SECTION 11. Toxicological information ... / >>

It does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12. Ecological information

Use according to good working practices, avoiding to disperse the product in the environment. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation.

12.1. Toxicity

GLYCEROL	
LC50 - Pisces	> 885 mg/l/96h
EC50 - Crustaceans	1955 mg/l/48h daphnia magna
EC50 - Algae / Aquatic Plants	2900 mg/l/72h
Ethylhexyl stearate	
LC50 - Pisces	10 g/l/96h
EC50 - Crustaceans	> 100 mg/l/48h
EC50 - Algae / Aquatic Plants	100 mg/l/72h

12.2. Persistence and degradability

Ethylhexyl stearate
Quickly degradable

12.3. Bioaccumulation potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB substances in percentage $\geq 0.1\%$.

12.6. Properties of interference with the endocrine system

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment being assessed.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse if possible. The residues of the product as such are to be considered special non-hazardous waste.
Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.
For solid residues, consider the possibility of disposal in an authorized landfill.
CONTAMINATED PACKAGING
Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not to be considered dangerous pursuant to the provisions in force on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

SECTION 14. Transport information ... / >>**14.1. UN number or ID number**

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packaging group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Bulk shipping in accordance with IMO acts

Not relevant information

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Seveso Category - Directive 2012/18/CE: NoneRestrictions relating to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006Contained substances
Point 75Regulation (EC) Nr. 2019/1148 - concerning the placing on the market and use of explosives precursors
Not applicableSubstances in Candidate List (Art. 59 REACH)
Based on available data, the product does not contain SVHC substances in percentage $\geq 0.1\%$.Substances subject to authorization (Annex XIV REACH)
NoneSubstances subject to export notification obligation Reg. (EC) 649/2012:
NoneSubstances subject to the Rotterdam Convention:
NoneSubstances subject to the Stockholm Convention:
NoneSanitary checks
Information not available

SECTION 15. Regulatory information ... / >>**15.2. Chemical safety assessment**

A chemical safety assessment has not been developed / is not yet available for the substance.

SECTION 16. Other information**LEGEND:**

- ADR: European agreement for the transport of dangerous goods by road
- CAS NUMBER: Number of the Chemical Abstract Service
- CE NUMBER: Identification number in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived no effect level
- EC50: Concentration affecting 50% of the population under test
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for Classification and Labeling of Chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International maritime code for the transport of dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations for the international transport of dangerous goods by train
- STA: Acute Toxicity Estimate
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure.
- TWA: Weighted average exposure limit
- TWA STEL: Short term exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II REACH Regulation)
4. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated regulation (EU) 2021/849 (XVII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA Agency website
- Database of SDS models of chemicals
- Ministry of Health and National Institute of Health

Note for the user:

The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. No responsibility is assumed for improper use.

Provide adequate training to personnel assigned to the use of chemical products.

METHODS OF CALCULATING THE CLASSIFICATION

Physico-chemical hazards: The classification of the product was derived from the criteria established by the CLP Regulation Annex I Part 2.

The methods for assessing the physico-chemical properties are reported in section 9.

Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.

Safety Data Sheet

(according to (CE) 1907/2006 (REACH))

Version 1.0 Rev. 01

Revision: 29/10/2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

1.1.1 Trade Name: FLOWER PROFUMED BASE

1.1.2 Product Code Number: V36605

1.2 Relevant identified uses of the substance or mixture and use advised against:

Sector of use: Cosmetics. Parfum.

1.3 Details of the supplier of the safety data sheet

1.3.1 Manufacturer/Supplier:

CLEMENTONI S.p.A.

Zona Industriale Fontenoce snc
62019 RECANATI (MC) -ITALY
Tel: +39 071-75811
Fax: + 39 071-758123
mail: info@clementoni.it
PEC: clemehr@legalmail.it
www.clementoni.com

1.4 Emergency telephone number:

Milan (Italy)

Poison Control Centre – 24/24 ore
Niguarda Hospital
Square Ospedale Maggiore, 3 Tel.+39 02 66101029

Rome (Italy)

Poison Control Centre – 24/24 ore
A. Gemelli Hospital
Square Agostino Gemelli, 8
Tel.+39 063054343

Rome (Italy)

Poison Control Centre – 24/24 ore
Center for prevention, information and treatment of poisoning - Umberto I Hospital
Street of Policlinico, 324
Tel. +39 06490663

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

2.1.1 Classification according to Regulation CE No.1272/2008 [CLP/GHS]

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008

2.2 Labels elements

2.2.1 Hazard pictograms: None

2.2.2 Signal word: None

2.2.3 Hazard statements: None

2.2.4 Precautionary statements: None

2.3 Other Hazards

The mixture do not contains components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/Information on ingredients

3.1 Substance/mixture: **V 36605 – Flower profumed base**

Component	Identification number	% (W/W)	Classification
			Regulation (CE) n. 1272/2008 [CLP]
Parfum	CAS: 61789-89-7 CE: 263-097-0	15-25	Not classified
Aqua	CAS: 7732-18-5 CE: 231-791-2	35-45	Not classified
Propylen Glycol	CAS: 57-55-6 CE: 200-338-0	40-50	Not classified

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1 Description of the first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

In case of skin contact: The mixture is not dangerous in case of skin contact.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Potential acute health effects

In case of eye contact: May cause light eye irritation;

If inhaled: Inhalation of aerosol may cause light irritation of throat and bronchi.

In case of skin contact: The product contains sensitizing and therefore may cause an allergic skin reaction in persons already sensitized.

If swallowed: irritating to mouth, throat and stomach

4.3 Symptoms and effects for overexposure

In case of eye contact: Irritation, watering, redness

In case of inhalation: Mucosal irritation, coughing, wheezing, tightness in the chest. Prolonged exposure may cause drowsiness and dizziness.

In case of skin contact: None

If swallowed: Oral irritation, nausea, vomiting, headache

4.4 Indication of any immediate medical attention and special treatment

Indications for the physician : Treat symptomatically. Should have been ingested or inhaled large amounts, immediately contact a poison control center.

Specific treatments: No specific treatments.

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide DO NOT USE water jets

5.2 Special hazards arising from substances or mixture

Chemical hazards arising from the substance or mixture: Container explosion may occur under fire conditions.

Hazardous substances from thermal decomposition: Decomposition gases are toxics. They may include Carbon oxides, and other toxic compounds.

5.3 Advice for fire fighters

Advice for fire fighters: Wear self-contained breathing apparatus for fire fighting if necessary.

Further information: Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For the operators of non-emergency personnel: Avoid contact. In case of contact remove any contaminated clothing and rinse contaminated skin with water. For personal protection see section 8.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

In case of leakage: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections:

For disposal see section 13. For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precaution for safe handling

Follow the instructions of a correct use. Avoid eye contact, ingestion and inhalation of mist. For precautions see section 2.2.

7.2 Conditions for storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Keep away from Oxidant, strong alkalis and strong acids.

7.3 Specific uses

Recommendations: For cosmetic use as parfum. Uses advised against: other than recommended. For use observe the precautions provided in 7.1 and 7.2 of this document.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limits established for the mixture.

Chemical name/CAS	Italy	United Kingdom	France	Spain	Germany
Propylen Glycol/57-55-6	-----	STEL: 30 mg/m ³ TWA: 10 mg/m ³	-----	-----	-----

8.2 Exposure controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Safety device for eye and face:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection:

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Eye/face protection:

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Respiratory protection:

Where risk assessment shows use filter mask or respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical properties

Form	Liquid
Colour	various
Odour	Characteristic
Odour Threshold	n.a
pH	6,5-7,5
Melting point/freezing point	-7.0-0.0 °C
Initial boiling point and boiling range	110-125 °C
Flash point	n.a.

Evaporation rate	<i>n.a.</i>
Flammability (solid, gas)	<i>n.a.</i>
Upper/lower flammability or explosive limits	<i>n.a.</i>
Vapour pressure	<i>n.d.</i>
Vapour density	<i>n.d.</i>
Relative density	1,012 g/mL at 25 °C
Water solubility	<i>miscible</i>

SECTION 10: Stability and reactivity

10.1 Reactivity:	There are no particular risks of reaction with other substances in normal conditions of use.
10.2 Chemical stability:	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur
10.4 Conditions to avoid:	Heat, flames.
10.5 Incompatible materials:	Oxidant, strong acids and strong alkalis.
10.6 Hazardous decomposition products:	Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The repeated or prolonged contact with the preparation may cause irritation contact dermatitis. Liquid contact with eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea, vomiting, gastro-intestinal irritation and chemical pneumonia.

[Acute toxicity](#)

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
<i>Propylene Glycol</i>	20 gr/kg (Rat)	20800 mg/kg (Rabbit)	-----

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation: N.A.

Serious eye damage/eye Irritation: May causes eye irritation.

Inhalation: LC50(rat) > 20 mg/l (4h)

Ingestion: LD50 (rabbit) = 5000 mg/kg

Dermal: LD50 (rabbit) = 2000 mg/kg

Dermal corrosion/Irritation: Not irritant.

Serious eye damage/eye irritation: Mild eye irritation (Rabbit 24h)

Respiratory or skin sensitization: Not a sensitization

Mutagenicity: Not mutagen

Carcinogenicity: Not carcinogen

Reproductive toxicity: n.a. data

Specific target organ toxicity (STOT) – single exposure: n.a. data

Specific target organ toxicity (STOT) – repeated exposure: n.a. data

Aspiration Hazard: n.a. data

SECTION 12: Ecological information

12.1 Toxicity:

Ecotoxicity

Unknown aquatic toxicity:

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene Glycol	96h EC50= 19000 mg/L (<i>Pseudokirchneriella subcapitata</i>)	96h LC50= 51600 mg/L (<i>Oncorhynchus mykiss</i>) 96h LC50= 710 mg/L (<i>Pimephales promelas</i>)		24h EC50 >10000 mg/L 48h EC50 > 1000 mg/L

12.2 Persistence and biodegradability

Biodegradability:

n.a. data

12.3 Bio accumulative potential:

n.a. data

12.4 Mobility in soil:

n.a. data

12.5 Results of PBT e vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects: n.a. data

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Contaminated packaging must be recovered or disposed of in compliance with national waste management.

SECTION 14: Transport information

14.1 UN number:

Not regulated

14.2 UN proper shipping name:

Not regulated

14.3 Transport hazard classes:

Not regulated

14.4 Packaging group:

Not regulated

14.5 Environmental hazard:

Not regulated

14.6 Special precaution for users:

n.a.

Other information ADR / RID:

Not regulated

IMDG:

Not regulated

SECTION 15: Regulatory information

15.1 Regulatory information

The mixture and the substances it contains are subject to Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments, the Regulation (EC) No. 1272/2008 (CLP) and subsequent amendments, to Directive 1999/45 / EC as amended and updates, Legislative Decree no. 81/2008 and subsequent updates.

This Safety Data Sheet has been prepared in accordance with Regulation (EU) No. 453/2010.

Restrictions relating to the product or the substances contained in it according to Annex XVII to Regulation (EC) 1907/2006:

Substances in Candidate List (Art. 59 REACH): None.

Substances subject to authorization (Annex XIV REACH): None.

15.2 Chemical Safety Assessment:

For this product a chemical safety assessment was not carried out .

SECTION 16: Other informationFull text of H Statements referred to under sections 2 and 3.**Abbreviations and
acronyms:**

ATE = Stima della Tossicità Acuta

CLP = Classificazione, Etichettatura e Imballaggio [Regolamento (CE) N. 1272/2008]

DNEL = Livello derivato senza effetto

Indicazione EUH = disposizioni di rischio specifiche al regolamento CLP

PNEC = Concentrazione Prevedibile Priva di Effetti

RRN = Numero REACH di Registrazione

Hazard pictograms: None

Signal word: None

Hazard statements: None

Precautionary statements: None

Revision Date: 31.10.2020.

Further Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of such information.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, you can not guarantee that these are the only hazards that exist.

Safety Data Sheet

(according to (CE) 1907/2006 (REACH))

Version 1.0 Rev. 01

Revision: 30/10/2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

1.1.1 Trade Name: SUGAR PROFUMED BASE

1.1.2 Product Code Number: V36521

1.2 Relevant identified uses of the substance or mixture and use advised against:

Sector of use: Cosmetics. Parfum.

1.3 Details of the supplier of the safety data sheet

1.3.1 Manufacturer/Supplier:

CLEMENTONI S.p.A.

Zona Industriale Fontenoce snc
62019 RECANATI (MC) -ITALY
Tel: +39 071-75811
Fax: + 39 071-758123
mail: info@clementoni.it
PEC: clemehr@legalmail.it
www.clementoni.com

1.4 Emergency telephone number:

Milan (Italy)

Poison Control Centre – 24/24 ore
Niguarda Hospital
Square Ospedale Maggiore, 3 Tel.+39 02 66101029

Rome (Italy)

Poison Control Centre – 24/24 ore
A. Gemelli Hospital
Square Agostino Gemelli, 8
Tel.+39 063054343

Rome (Italy)

Poison Control Centre – 24/24 ore
Center for prevention, information and treatment of poisoning - Umberto I Hospital
Street of Policlinico, 324
Tel. +39 06490663

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

2.1.1 Classification according to Regulation CE No.1272/2008 [CLP/GHS]

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008

2.2 Labels elements

2.2.1 Hazard pictograms: None

2.2.2 Signal word: None

2.2.3 Hazard statements: None

2.2.4 Precautionary statements: None

2.3 Other Hazards

The mixture do not contains components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/Information on ingredients

3.1 Substance/mixture: **V 36521 – Sugar perfumed base**

Component	Identification number	% (W/W)	Classification
			Regulation (CE) n. 1272/2008 [CLP]
Parfum	CAS: 61789-89-7 CE: 263-097-0	15-30	Not classified
Aqua	CAS: 7732-18-5 CE: 231-791-2	30-40	Not classified
Propylen Glycol	CAS: 57-55-6 CE: 200-338-0	40-50	Not classified

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1 Description of the first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

In case of skin contact: The mixture is not dangerous in case of skin contact.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Potential acute health effects

In case of eye contact: May cause light eye irritation;

If inhaled: Inhalation of aerosol may cause light irritation of throat and bronchi.

In case of skin contact: The product contains sensitizing and therefore may cause an allergic skin reaction in persons already sensitized.

If swallowed: irritating to mouth, throat and stomach

4.3 Symptoms and effects for overexposure

In case of eye contact: Irritation, watering, redness

In case of inhalation: Mucosal irritation, coughing, wheezing, tightness in the chest. Prolonged exposure may cause drowsiness and dizziness.

In case of skin contact: None

If swallowed: Oral irritation, nausea, vomiting, headache

4.4 Indication of any immediate medical attention and special treatment

Indications for the physician : Treat symptomatically. Should have been ingested or inhaled large amounts, immediately contact a poison control center.

Specific treatments: No specific treatments.

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide DO NOT USE water jets

5.2 Special hazards arising from substances or mixture

Chemical hazards arising from the substance or mixture: Container explosion may occur under fire conditions.

Hazardous substances from thermal decomposition: Decomposition gases are toxics. They may include Carbon oxides, and other toxic compounds.

5.3 Advice for fire fighters

Advice for fire fighters: Wear self-contained breathing apparatus for fire fighting if necessary.

Further information: Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For the operators of non-emergency personnel: Avoid contact. In case of contact remove any contaminated clothing and rinse contaminated skin with water. For personal protection see section 8.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

In case of leakage: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections:

For disposal see section 13. For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precaution for safe handling

Follow the instructions of a correct use. Avoid eye contact, ingestion and inhalation of mist. For precautions see section 2.2.

7.2 Conditions for storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Keep away from Oxidant, strong alkalis and strong acids.

7.3 Specific uses

Recommendations: For cosmetic use as parfum. Uses advised against: other than recommended. For use observe the precautions provided in 7.1 and 7.2 of this document.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No occupational exposure limits established for the mixture.

Chemical name/CAS	Italy	United Kingdom	France	Spain	Germany
Propylen Glycol/57-55-6	-----	STEL: 30 mg/m ³ TWA: 10 mg/m ³	-----	-----	-----

8.2 Exposure controls

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Safety device for eye and face:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection:

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Eye/face protection:

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Respiratory protection:

Where risk assessment shows use filter mask or respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical properties

Form	<i>Liquid</i>
Colour	<i>various</i>
Odour	<i>Charatcteristic</i>
Odour Threshold	<i>n.a</i>
pH	<i>6,5-7,5</i>
Melting point/freezing point	<i>-7.0-0.0 °C</i>
Initial boiling point and boiling range	<i>110-125 °C</i>
Flash point	<i>n.a.</i>

Evaporation rate	<i>n.a.</i>
Flammability (solid, gas)	<i>n.a.</i>
Upper/lower flammability or explosive limits	<i>n.a.</i>
Vapour pressure	<i>n.d.</i>
Vapour density	<i>n.d.</i>
Relative density	1,012 g/mL at 25 °C
Water solubility	<i>miscible</i>

SECTION 10: Stability and reactivity

10.1 Reactivity:	There are no particular risks of reaction with other substances in normal conditions of use.
10.2 Chemical stability:	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur
10.4 Conditions to avoid:	Heat, flames.
10.5 Incompatible materials:	Oxidant, strong acids and strong alkalis.
10.6 Hazardous decomposition products:	Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The repeated or prolonged contact with the preparation may cause irritation contact dermatitis. Liquid contact with eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea, vomiting, gastro-intestinal irritation and chemical pneumonia.

[Acute toxicity](#)

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
<i>Propylene Glycol</i>	20 gr/kg (Rat)	20800 mg/kg (Rabbit)	-----

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation: N.A.

Serious eye damage/eye Irritation: May causes eye irritation.

Inhalation: LC50(rat) > 20 mg/l (4h)

Ingestion: LD50 (rabbit) = 5000 mg/kg

Dermal: LD50 (rabbit) = 2000 mg/kg

Dermal corrosion/Irritation: Not irritant.

Serious eye damage/eye irritation: Mild eye irritation (Rabbit 24h)

Respiratory or skin sensitization: Not a sensitization

Mutagenicity: Not mutagen

Carcinogenicity: Not carcinogen

Reproductive toxicity: n.a. data

Specific target organ toxicity (STOT) – single exposure: n.a. data

Specific target organ toxicity (STOT) – repeated exposure: n.a. data

Aspiration Hazard: n.a. data

SECTION 12: Ecological information

12.1 Toxicity:

Ecotoxicity

Unknown aquatic toxicity:

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene Glycol	96h EC50= 19000 mg/L (<i>Pseudokirchneriella subcapitata</i>)	96h LC50= 51600 mg/L (<i>Oncorhynchus mykiss</i>) 96h LC50= 710 mg/L (<i>Pimephales promelas</i>)		24h EC50 >10000 mg/L 48h EC50 > 1000 mg/L

12.2 Persistence and biodegradability

Biodegradability:

n.a. data

12.3 Bio accumulative potential:

n.a. data

12.4 Mobility in soil:

n.a. data

12.5 Results of PBT e vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects: n.a. data

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Contaminated packaging must be recovered or disposed of in compliance with national waste management.

SECTION 14: Transport information

14.1 UN number:

Not regulated

14.2 UN proper shipping name:

Not regulated

14.3 Transport hazard classes:

Not regulated

14.4 Packaging group:

Not regulated

14.5 Environmental hazard:

Not regulated

14.6 Special precaution for users:

n.a.

Other information ADR / RID:

Not regulated

IMDG:

Not regulated

SECTION 15: Regulatory information

15.1 Regulatory information

The mixture and the substances it contains are subject to Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments, the Regulation (EC) No. 1272/2008 (CLP) and subsequent amendments, to Directive 1999/45 / EC as amended and updates, Legislative Decree no. 81/2008 and subsequent updates.

This Safety Data Sheet has been prepared in accordance with Regulation (EU) No. 453/2010.

Restrictions relating to the product or the substances contained in it according to Annex XVII to Regulation (EC) 1907/2006:

Substances in Candidate List (Art. 59 REACH): None.

Substances subject to authorization (Annex XIV REACH): None.

15.2 Chemical Safety Assessment:

For this product a chemical safety assessment was not carried out .

SECTION 16: Other informationFull text of H Statements referred to under sections 2 and 3.**Abbreviations and
acronyms:**

ATE = Stima della Tossicità Acuta

CLP = Classificazione, Etichettatura e Imballaggio [Regolamento (CE) N. 1272/2008]

DNEL = Livello derivato senza effetto

Indicazione EUH = disposizioni di rischio specifiche al regolamento CLP

PNEC = Concentrazione Prevedibile Priva di Effetti

RRN = Numero REACH di Registrazione

Hazard pictograms: None

Signal word: None

Hazard statements: None

Precautionary statements: None

Revision Date: 30.10.2020.

Further Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of such information.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, you can not guarantee that these are the only hazards that exist.