

Edition 02 Issued 21 November 2022

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU)

2020/878

MARVITA HAND HYGIENE GEL

Section 1: Identification of the substance/mixture of the company/undertaking

1.1 Product identifier

Product name: MARVITA HAND HYGIENE GEL

1.2 Relevant identified uses of the substance or mixture and uses advised against
HAND HYGIENE GEL – quick and easy way to clean your hands without water.

1.3 Company Identification

Jean Products – Werm GmbH

Steinmühlweg 4

97783 Karsbach / Germany

1.4 Emergency telephone number

Emergency telephone For poisoning emergencies, call 112

Section 2. Hazards identification

2.1 Classification of substance or mixture:

Classification according to EO 1272/2008:

Flammable liquid.2, H225

Eye Irritating .2, H319

2.2 Label elements:



GHS02

Signal words: Danger

Hazard statements:

H225: Highly flammable liquid and vapor.

H319: Causes serious eye irritation.

Hazard pictograms:

GHS02: Flame

GHS07: Exclamation mark

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235: Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with local/ /national/international regulation

2.3. Other hazards:

No additional information available.

Section 3. Composition/information on ingredients:**3.1 Substances: N/A****3.2 Mixtures:****Hygiene gel is the mixture, containing Ethanol. Does not contain nanomaterials.**

Chemical name IUPAC/INCI	CAS №	Concentration, %	Classification EO 1272/2008
Ethanol/Alcohol Reg.No.REACH: 01-2119457610- 43-XXXX	64-17-5/200- 578-6	63,00	Flam.Liq.2,H225 Eye Irrit.2,H319 Hazard pictograms: GHS02: Flame

4.1. Description of first aid measures**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.
Consult a doctor.**Eye contact:** Rinse the eye with running water for several minutes. Remove any contact lenses. Contact a doctor if discomfort continues.**Ingestion:** Do not induce vomiting. Visit a hospital.

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

Eye contact: Causes serious eye irritation.

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

Immediate / special treatment:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon dioxide/CO₂/, Carbon monoxide /CO/.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.
Additional information: Extinguishing water must not be discharged into drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4. Reference to other sections

Reference to other sections: Refer to section 8,13 of SDS.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Away from food. Temperature at 5-25°C.

7.3. Specific end use(s)

Specific end use(s):

Directly, without rinse.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hazardous ingredients:

ETHANOL- CAS 64-17-5

Workplace exposure limits: 1000 mg/m³ , 8 hours.

8.2. Exposure controls

8.2.1. Engineering measures: Ensure there is sufficient ventilation of the area.

8.2.2. Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work. Do not eat, drink or smoke while using the product.

Avoid contact with the eyes and skin.

Keep away from foodstuffs, beverages and feed.

- Respiratory protection: Not required. If there is insufficient ventilation.

- Hand protection Protective gloves resistant to chemicals (standard EN 374-1)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. The glove material has to be impermeable and resistant

to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Eye/face protection Goggles recommended during refilling

- Eye protection: Safety glasses.
- Skin protection: Ordinary work wear.

8.2.3. Environmental exposure controls: Prevent from entering in public sewers or the immediate environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Gel
Colour:	Comparative example
Odour:	Comparative example
pH:	6.5-8.5
Melting point :	Not determined
Initial boiling point:	Not determined
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.78-0.82 g/cm ³
Partition coefficient:	No data available
Autoignition temperature:	Not determined
Viscosity:	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

9.2. Other information

9.2.1. Information for Hazardous classification – the mixture is Flammable liquid.2, H225

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products
SDS 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity Based on available data, the classification criteria are not met. LD/LC50 values relevant for classification

Information on toxicological effects

Hazardous ingredients:

ETHANOL

DERMAL RBT LD50 >2000 mg/kg

ORAL RAT LD50 >2000 mg/kg

INHALATION RAT LD50 >20 mg/l, 4 hours

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Eye contact: Causes serious eye irritation. H319

Ingestion: There may be irritation of the throat.

Inhalation: There may be a feeling of tightness in the chest with shortness of breath.

Carcinogenic, Mutagenic or Reprotoxic:

Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Additional toxicological information:

Repeated dose toxicity Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties None of the ingredients is listed.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product, but it is not classified as harmful on the basis of the known hazards of the components.

12.1 Toxicity Major components are not harmful. No information available for minor components.

12.2 Persistence and degradability Major components are expected to degrade rapidly in the environments. No information available for minor components.

12.3 Bioaccumulative potential Major components are not expected to bioaccumulate. No information available for minor components.

12.4 Mobility soil Product contains high concentrations of alcohol, which is water soluble, and will evaporate into the atmosphere.

12.5 Results of PBT and vPvB assessment Not available

12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information: General notes: Not known to be hazardous to water.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods Recommendation

Dispose according to National Regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Uncleaned packaging: Recommendation: Disposal must be made according to official regulations. Packaging may be reused or recycled after cleaning.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN number: UN1993

14.2. UN proper shipping name

Proper Shipping Name: ethanol (ethyl alcohol) solution

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

14.6. Special precautions for user - No

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

On the label must be marked: Attention! Flammable. Only for external using. Keep away from children.

This product MSDS has been compiled in accordance to EC No: 2020/878, amending Annex II to Regulation EC No: 1907/2006.

Specific regulations: Regulation (EU) 1907/2006 REACH

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This Information Sheet has been prepared in accordance with requirements of EO 1272/2009, 1907/2006 REACH. and other related directives, on the approximation of the laws of the member states relating to cosmetic products.

Data sources:

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.

Full text of H- and EUH-statements:

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Flam. Liq. 2 Flammable liquids, Category 2

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 2 H225 - Calculation method

Eye Irrit. 2 H319 - Calculation method