

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

Version number: 2

Issued: 2025-01-07

Replaces: 2024-07-18


Hultafors

Hultafors Chalk Line HHSK, Hultafors MARKING CHALK BLUE 100, Hultafors MARKING CHALK BLUE 360, MARKING CHALK ULTRA BLUE 400, MARKING CHALK ULTRA BLUE 1000

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

1.1. Product identifier

Trade name

Hultafors Chalk Line HHSK, Hultafors MARKING CHALK BLUE 100, Hultafors MARKING CHALK BLUE 360, MARKING CHALK ULTRA BLUE 400, MARKING CHALK ULTRA BLUE 1000

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

Relevant identified uses

Marking chalk powder.

1.3. Details of the supplier of the safety data sheet

Supplier

Hultafors Group AB

Address

Hultaforsvägen 21
517 96 Hultafors
Sweden

Telephone

+46 33 7237400

Email

info@hultaforsgroup.com

1.4. Emergency telephone number

112

Available outside office hours

Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

The product does not require labelling in accordance with Regulation (EC) No 1272/2008.



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2.3. Other hazards

This product does not contain any PBT or vPvB substances.
The product does not contain any substances with endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Calcium Carbonate	471-34-1 207-439-9 - -	>50 - ≤100%	-	- - -	-
Silicic acid, aluminium sodium salt, sulfurized	101357-30-6 309-928-3 01-2119488928-13 -	<50%	-	- - -	*

Substance additional information

Additional CAS numbers:
*Pigment blue 29, CI 77007 - CAS: 57455-37-5.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Fresh air and rest. Get medical advice/attention if you feel unwell.

Skin contact

Take off contaminated clothing. Wash with plenty of water. When in doubt or if symptoms are observed, get medical advice.

Eye contact

Rinse cautiously with water for several minutes. Hold eyelids apart. When in doubt or if symptoms are observed, get medical advice.

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Ingestion

Immediately give large quantities of water to drink. Get medical attention if any discomfort continues.

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

No specific symptoms noted.

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

Not applicable.

Other

Information to rescue personnel

No special precautions required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. Foam, carbon dioxide or dry powder. Sand

Unsuitable extinguishing media

Strong water jet

5.2. Special hazards arising from the substance or mixture

Asphyxiating gases/vapours/fumes of:

Carbon dioxide (CO₂) at temperature > 600 °C

Sulphur dioxide (SO₂) at temperature > 400 °C - In contact with air

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Measures in case of fire

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire-fighting to enter drains or water courses.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (refer to section 8).

Avoid dust formation.

Do not breathe dust.

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Pick-up and arrange disposal without creating dust.

Dam and absorb spillage with sand, sawdust or other absorbent.

Keep in properly labelled containers.

Keep container tightly closed.

Treat recovered material as described in the section "Disposal considerations".

Flush with plenty of water.

Keep away from: Acids.

6.4. Reference to other sections

For personal protection, see section 8.

For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Do not breathe dust.

Avoid dust formation.

Avoid contact with skin, eyes and clothing.

Provide good ventilation.

General hygiene

Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.



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7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep container closed when not in use.
Recommended storage temperature: 0 - 50 °C.
Store away from:
Strong acids.
Strong alkalis.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Calcium Carbonate (471-34-1/207-439-9)	DNEL	Chronic (long term) Inhalation	6.36 mg/m³	Workers	Local
Calcium Carbonate (471-34-1/207-439-9)	DNEL	Chronic (long term) Oral	6.1 mg/kg bw/day	Consumer	Systemic
Calcium Carbonate (471-34-1/207-439-9)	DNEL	Acute (short term) Oral	6.1 mg/kg bw/day	Consumer	Systemic
Calcium Carbonate (471-34-1/207-439-9)	DNEL	Chronic (long term) Inhalation	1.06 mg/m³	Workers	Local

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Calcium Carbonate (471-34-1/207-439-9)	PNEC	Sewage Treatment Plant	100 mg/l

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8.2. Exposure controls

Appropriate engineering controls

Minimize dust generation. Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Apply organizational measures e.g. by isolating personnel from dusty areas.

Eye / face protection

Chemical resistant goggles must be worn.

Hand protection

Wear suitable gloves tested to EN 374.

Material, solvent-resistant ; Butyl rubber.

Thickness of the glove material : 0.7 mm

Breakthrough time: 480 min.

Other skin protection

Protection suit must be worn.

Respiratory protection

Wear dust masks in dusty areas.

Filter type: P1/P3 - EN 143

Thermal hazards

No data available.

Environmental exposure controls

Dispose of rinse water in accordance with local and national regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Powder

Colour

blue

Odour

odourless

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Melting point / freezing point

> 450 °C; Decomposes without melting.

Boiling point or initial boiling point and boiling range

No data available

Flammability

Non-flammable.

Lower and upper explosion limit

No data available

Flash point

No data available

Auto-ignition temperature

Non-flammable.

Decomposition temperature

No data available

pH

8.5 - 9.5

Method

in a 10 % water suspension at 20 °C

Kinematic viscosity

No data available

Solubility

No data available

Water solubility

Not soluble in water.

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

No data available

Relative vapour density

No data available

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Explosive properties

Not considered to be explosive.

Particle characteristics

D50: $\approx 30 \mu\text{m}$

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Contact with acids or strong heating liberates carbon dioxide, sometimes violently.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates carbon dioxide, sometimes violently.

10.4. Conditions to avoid

Extremes of temperatures.

10.5. Incompatible materials

Strong acids.

Strong alkalis.

10.6. Hazardous decomposition products

Reacts with acids to form dioxide which displaces the oxygen in the air in closed spaces.

Hydrogen sulfide may be released in contact with acids.

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.



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Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Silicic acid, alu- minium sodium salt, sulfurized 101357-30-6 / 309-928-3	LD50	> 10000 mg/kg	Oral	-	Rat	-
Calcium Carbon- ate 471-34-1 / 207- 439-9	LD50	>2000 mg/kg bw	Oral	-	Rat	OECD 420
Calcium Carbon- ate 471-34-1 / 207- 439-9	LD50	> 2000 mg/kg bw	Dermal	-	Rat	OECD 402
Calcium Carbon- ate 471-34-1 / 207- 439-9	LC50	> 3 mg/L air bw	Inhalation	4 hours	Rat	OECD 403

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 sensitisation

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.

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.



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Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Other information

No data available.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity

Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

Acute fish toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Silicic acid, alu- minium sodium salt, sulfurized 101357-30-6 / 309-928-3	LC50	> 32000 mg/L	96 hours	-	-	-
Calcium Carbon- ate 471-34-1 / 207- 439-9	LC50	> 100 % v/v sat- urated solution of test material	96 hours	Oncorhynchus mykiss (Rainbow trout)	OECD 203	Limit test

Acute algae toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Calcium Carbon- ate	EC50	> 14 mg/l	72 hours	Desmodesmus subspicatus	OECD 201	Limit test



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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
471-34-1 / 207- 439-9						

Acute crustacean toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Calcium Carbon- ate 471-34-1 / 207- 439-9	LC50	> 100 % v/v sat- urated solution of test material	48 hours	Daphnia magna	OECD 202	Limit test

Micro-/macro organism toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Calcium Carbon- ate 471-34-1 / 207- 439-9	EC50	> 1000 mg/L	21 days	Glicine max; Lycopersicon esculentum; Avena sativa	OECD 208	-
Calcium Carbon- ate 471-34-1 / 207- 439-9	LC50	>1000 mg/kg Soil	14 days	Eisenia fetida	OECD 207	Limit test
Calcium Carbon- ate 471-34-1 / 207- 439-9	EC50	> 1000 mg/kg Soil	28 days	Soil Microorgan- isms	OECD 216	Limit test

Chronical toxicity



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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Calcium Carbon- ate 471-34-1 / 207- 439-9	NOEC	1000 mg/kg Soil	14 days	Eisenia fetida	OECD 207	Limit test
Calcium Carbon- ate 471-34-1 / 207- 439-9	NOEC	1000 mg/l	3 hours	Microorganisms (STP)	OECD 209	-
Calcium Carbon- ate 471-34-1 / 207- 439-9	NOEC	14 mg/l	72 hours	Desmodesmus subspicatus	OECD 201	Limit test
Calcium Carbon- ate 471-34-1 / 207- 439-9	NOEC	1000 mg/l Soil	21 days	Glicine max; Lycopersicon esculentum; Avena sativa	OECD 208	-
Calcium Carbon- ate 471-34-1 / 207- 439-9	NOEC	1000 mg/l Soil	28 days	Soil Microorgan- isms	OECD 216	Limit test

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

Not applicable.

12.4. Mobility in soil

Mobility

Not applicable.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.



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12.7. Other adverse effects

Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of waste according to applicable legislation. Dispose of contents/container to an appropriate recycling or disposal facility.

Packaging

Empty containers.

Dispose of as unused product.

Other

Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

14.1. UN number

Not dangerous goods according to transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP).

Directive 2008/98/EC of the European Parliament and of the Council on waste.

National regulations

No data available

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

Changes to previous revision: Section 1, new trade names added.

Abbreviations

CLP - Classification, Labelling and Packaging of Chemicals and Mixtures

DNEL = Derived No Effect Level.

EC50: The concentration of a substance that affects 50 % of a population over a given period of time. ECHA - European Chemicals Agency

LC50: Deadly concentration for 50 % of a test population.

LD50: Lethal dose for 50 % of the test population (lethal median dose).

NOEC: No Observed Effect Concentration.

OEL - Occupational Exposure Limit

PBT = Persistent, Bioaccumulative and Toxic.

PNEC = Predicted No Effect Concentration.

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals.

vPvB = very Persistent and very Bioaccumulative.

STOT: Specific Target Organ Toxicity

STP = Sewage Treatment Plant.

Other

Additional information

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.