



Material Safety Data Sheet

SDS date: 30-09-2015

SDS version: 1.0

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

1.1. Product Identifier

Trade Name: STEEL CARE

Product.no: 045650

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

Recommended uses: For steel care.

1.3. Details of the supplier of the safety data sheet

Company and address

Hounö A/S

Alsvej 1

DK-8940 Randers SV

Tlf. +45 87 11 47 11

www.houno.com

Contact person and E-mail:

houno@houno.com

The Safety data sheet is completed and validated by:

Mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: LMJ

1.4. Emergency telephone number

Use your national or local emergency number - See section 4 "First aid measures"

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

CLP (1272/2008): Eye Irrit. 2;H319, Asp. Tox. 1;H304, EUH066.

For the wording of the H phrases refer to section 16.

2.2. Label elements

CLP

**Signal Word:**

Danger

May be fatal if swallowed and enters airways. (H304)

Causes serious eye irritation. (H319)

Repeated exposure may cause skin dryness or cracking. (EUH066)

Wear protective gloves /eye protection/face protection. (P280)

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting (P301+P310+P331)

2.3. Other hazards

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Additional labelling:

See Sect. 15.1.

VOC

-

Additional warnings:

-

SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

| Substance | EU-Index no. | Cas / EINECS no. | CLP-classification | w/w% | Note |
|-------------------------------------|--------------|------------------------|--------------------------|-------|------|
| Alkanes, C12-26-branched and linear | 649-242-00-4 | 90622-53-0 / 292-454-3 | Asp. Tox. 1;H304, EUH066 | 75-85 | - |
| Paraffin oils | - | 8012-95-1 / 232-384-2 | Eye Irrit. 2;H319 | 15-25 | - |

For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- Inhalation: Seek fresh air. Keep victim under observation. Seek medical advice in case of persistent discomfort.
- Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Call for medical attention/ambulance.
- Skin contact: Immediately remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
- Eye contact: Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
- Burns: Not relevant.
- Additional information: When obtaining medical advice, show the safety data sheet or label.
Symptoms: See section 11.

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

May be fatal if swallowed and enters airways.

Irritable effects: This product contains substances which are irritable to skin and eyes, or when inhaled. A result of contact with a locally irritable substances, can be, that the area of contact, will be more pruned to take-in of damaging substances such as allergens.

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

When obtaining medical advice, show the safety data sheet or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Surrounding fire: Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock. Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air. Hazardous fumes are formed in fire conditions.

5.3. Advice for firefighters

Send contaminated extinguishing water for destruction. If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment – see section 8.

6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains.

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains..

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

Further handling of waste – see section 13.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment. Running water and eye wash equipment must be available.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Store frost-free.

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

None.

DNEL and PNEC values:

No data.

8.2. Exposure controls

There are no exposure scenarios for this product.

Appropriate engineering controls:

Wash hands before breaks, before using restroom facilities, and at the end of the work. Wear personal protective equipment as specified in below section till material is hardened.

Personal protective equipment:



| | |
|---------------------------|--|
| Breathing equipment: | For prolonged use: In case of insufficient ventilation, wear respiratory protective equipment with filter A. |
| Hand protection: | Recommended: Nitrile rubber. Penetration time >480 min (Class 6) |
| Eye protection: | Wear safety goggles if there is a risk of eye splash. |
| Body and skin protection: | Specific work clothes is recommended. |

Environmental exposure controls:

Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------|
| Form: | Fluid |
| Colour: | Weak yellow |
| Odor: | No odor |
| pH: | 7 |
| Melting point/ Freezing Point (°C): | - |
| Initial boiling point(°C): | - |
| Decomposition temperature (°C): | - |
| Flash point (°C): | >100 |
| Evaporation speed: | - |
| Ignition (°C): | - |
| Upper / lower Flammability or Explosion limits (vol-%): | - |
| Vapour pressure (mbar, 25 °C): | - |
| Vapour density (air=1) | - |
| Density (g/cm ³): | 0,85 |
| Solubility in/ Miscibility with: | Soluble in water |
| Partition coefficient [n-octanol/water], Log K _{ow} : | - |
| Autoignition temperature (°C): | - |
| Evaporation rate (nBuAc=1): | - |
| Viscosity: | - |
| Flammability: | - |
| Oxidizing properties: | - |

9.2. Other information

| | |
|--------------------------------|---|
| Solubility in fat: | - |
| Surface tension (mN/m, 25 °C): | - |

SECTION 10: Stability and reactivity

10.1. Reactivity

No data.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid exposure to daylight or other light sources.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidations remedies and strong reduction remedies.

10.6. Hazardous decomposition products

The product is stable when used in accordance with the supplier's directions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Substance | Route of exposure | Species | Test | Result |
|-------------------------------------|-------------------|---------|------|------------------|
| Alkanes, C12-26-branched and linear | Oral | Rat | LD50 | >5000 mg/kg |
| Alkanes, C12-26-branched and linear | Inhalation | Rat | LC50 | 4,6 mg/L air/4 h |
| Alkanes, C12-26-branched and linear | Dermal | Rabbit | LD50 | >2000 mg/kg |
| Paraffin oils | Oral | Rat | LD50 | >24 gm/kg |
| Paraffin oils | Inhalation | Rat | LC50 | 2062 ppm/4H |

Symptoms:

Inhalation: Inhalation of spray mist may cause chemical pneumonia.

Skin: May irritate the skin – may cause reddening. Repeated exposure may cause skin dryness or cracking.

Eyes: Irritating to eyes. Causes a burning sensation and tearing.

Ingestion: May cause chemical pneumonia if ingested or vomited.

Long term effects:

May cause chemical pneumonia if ingested or vomited.

SECTION 12: Ecological information

12.1. Toxicity

| Substans | Test duration | Species | Test | Result |
|-------------------------------------|---------------|---------|------|--------------|
| Alkanes, C12-26-branched and linear | 96 h | Fish | LC50 | 1,13 mg/L |
| Alkanes, C12-26-branched and linear | 48 h | Daphnia | EC50 | 4,1 ppm |
| Alkanes, C12-26-branched and linear | 72 h | Algae | EC50 | 1,714 mg/L |
| Paraffin oils | 96 h | Fish | LC50 | >100000 ug/L |

12.2. Persistence and degradability

| Substans | Biodegradability | Test | Result |
|----------|------------------|------|--------|
| - | - | - | - |

12.3. Bioaccumulative potential

| Substans | Potential bioaccumulation | LogPow | BCF |
|----------|---------------------------|--------|-----|
| - | - | - | - |

12.4. Mobility in soil

No data.

12.5. Results of PBT and vPvB assessment

The mixture does not meet the criteria for PBT or vPvB.

12.6. Other adverse effects

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product should be treated as dangerous waste.

EWC Code

07 06 99

Specific labelling

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Contaminated packaging:

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and rail according to ADR/RID.

14.1 -14.4.

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14.5. Environmental hazards

-

14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

SECTION 15: Regulatory information

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

See section 7.1

Restrictions for application:

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Demands for specific education:

-

15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Other information:**Sources:**

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

EH40/2005 WELs (United Kingdom (UK), 8/2007).

Full text of H-phrases as mentioned in section 3:

H304 - May be fatal if swallowed and enters airways.

H319 - Causes serious eye irritation.

EUH066 - Repeated exposure may cause skin dryness or cracking.

Other

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Minor changes have been made in following sections:

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This material safety data sheet replaces version:

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