

neodisher MediClean forte

Version: 3 / CA

Replaces Version: - / CA

Date revised: 17.07.2023

Print date: 19.02.24

1. Identification

1.1. Product identifier

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

Identified Uses

PC35 Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address:

Miele Ltd
161 Four Valley Drive
VAUGHAN, ON L4K 4V8 Canada
Telephone no. 888.325.3957
www.mieleprofessional.ca

E-mail address of person responsible for this SDS:

sida@drweigert.de

Manufacturer:

Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85
D-20539 Hamburg
Telephone no. +49 40 789 60 0
Fax no. +49 40 789 60 120
www.drweigert.com

1.4. Emergency telephone number

GBK/ Infotrac: (USA domestic) +1 800 535 5053 or international +1 352 323 3500

2. Hazard identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/Information on ingredients

3.2. Mixtures

Hazardous ingredients

fatty alcohols, alkoxylated

CAS No. 120313-48-6
Concentration \geq 0,1 < 1 %
Classification (Regulation (EC) No. 1272/2008)

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| | |
|-------------------|------|
| Skin Irrit. 2 | H315 |
| Aquatic Acute 1 | H400 |
| Aquatic Chronic 3 | H412 |

Further ingredients

2,2',2''-nitrilotriethanol

| | | | | | | |
|------------------|------------------|---|----|---|--|-----|
| CAS No. | 102-71-6 | | | | | |
| EINECS no. | 203-049-8 | | | | | |
| Registration no. | 01-2119486482-31 | | | | | |
| Concentration | >= 10 | < | 25 | % | | [3] |

Note

[3] Substance with occupational exposure limits

Other information

Complete text of hazard statements in chapter 16

4. First-aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value > 0 < 25 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Do not store together with foodstuffs.

Storage class according to TRGS 510

Storage class according to TRGS 510 10-13 Other combustible and non-combustible substances

Further information on storage conditions

Protect from heat and direct sunlight. Keep container tightly closed and dry.

7.3. Specific end use(s)

no data

8. Exposure controls/Personal protection

8.1. Control parameters

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Particle filter P2

Hand protection

Chemical resistant gloves

Use

Appropriate Material

Permanent hand contact

neoprene



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| | | |
|--|-------------------------|------|
| Material thickness | >= | 0,65 |
| Breakthrough time | > | 480 |
| Appropriate Material | nitrile | |
| Material thickness | >= | 0,4 |
| Breakthrough time | > | 480 |
| Appropriate Material | butyl | |
| Material thickness | >= | 0,7 |
| Breakthrough time | > | 480 |
| Use | Short-term hand contact | |
| Appropriate Material | nitrile | |
| Material thickness | >= | 0,11 |
| Hand protection must comply with EN ISO 374. | | |

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Not necessary.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------|------------------------------|
| Form | liquid |
| Colour | yellowish to brownish, clear |
| Odour | characteristic |

Odour threshold

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

pH value

| | | | |
|-------------|-------|------|----|
| Value | appr. | 10,1 | |
| Temperature | | 20 | °C |

Melting point

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Freezing point

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Initial boiling point and boiling range

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Flash point

| | |
|---------|----------------|
| Remarks | Not applicable |
|---------|----------------|

Evaporation rate (ether = 1) :

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Flammability (solid, gas)

| | |
|------------|----------------|
| evaluation | Not applicable |
|------------|----------------|

Upper/lower flammability or explosive limits

| | |
|---------|----------------|
| Remarks | Not applicable |
|---------|----------------|

Vapour pressure

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Vapour density

| | |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

Density

| | | | |
|-------------|------|----|-------------------|
| Value | 1,07 | | g/cm ³ |
| Temperature | 20 | °C | |



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Solubility in water

Remarks miscible in all proportions

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks not determined

Viscosity

dynamic

Value < 10 mPa.s
Temperature 20 °C

Explosive properties

evaluation no

Oxidising properties

evaluation None known

9.2. Other information

Other information

None known

10. Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE > 2000 mg/kg
Method calculated value (Regulation (EC) No. 1272/2008)
Remarks Based on available data, the classification criteria are not met.

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Acute dermal toxicity

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

Acute inhalational toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Repeated exposure

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

Aspiration hazard

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

Other information

There is no data available on the product apart from the information given in this subsection.

12. Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

fatty alcohols, alkoxylated

| | | | | |
|----------------------|---------------------------------------|----|----|------|
| Species | golden orfe (<i>Leuciscus idus</i>) | | | |
| LC50 | 1 | to | 10 | mg/l |
| Duration of exposure | 96 | h | | |

Daphnia toxicity (Components)

fatty alcohols, alkoxylated

| | | | | |
|----------------------|---------------|----|---|------|
| Species | Daphnia magna | | | |
| EC50 | 0,1 | to | 1 | mg/l |
| Duration of exposure | 48 | h | | |
| Method | OECD 202 | | | |

Algae toxicity (Components)

fatty alcohols, alkoxylated

| | |
|---------|-------------------------|
| Species | Scenedesmus subspicatus |
|---------|-------------------------|

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| | | | | |
|----------------------|----------|----|---|------|
| EC50 | 0,1 | to | 1 | mg/l |
| Duration of exposure | 72 | h | | |
| Method | OECD 201 | | | |

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

Evaluation of persistence and bioaccumulation potential

The product contains no PBT substances

The product contains no vPvB substances.

12.6. Other adverse effects

General information

not determined

General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 18 01 06* chemicals consisting of or containing dangerous substances

EWC waste code 20 01 29* detergents containing dangerous substances

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

EWC waste code 15 01 02 plastic packaging

Completely emptied packagings can be given for recycling.

EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances

Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

14. Transport information

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| | Land transport TDG | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|------------------------|--|---|---|
| 14.1. UN number | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. | The product does not constitute a hazardous substance in air transport. |

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. Regulatory information

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

Ingredients (Regulation (EC) No 648/2004)

less than 5 %:

anionic surfactants, non-ionic surfactants

Further ingredients

enzymes

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

16. Other information

Hazard statements listed in Chapter 3

| | |
|------|--|
| H315 | Causes skin irritation. |
| H400 | Very toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |

CLP categories listed in Chapter 3

| | |
|-------------------|---|
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Skin Irrit. 2 | Skin irritation, Category 2 |

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
 IMDG: International Maritime Code for Dangerous Goods
 ICAO: International Civil Aviation Organization
 IATA: International Air Transport Association
 VOC: Volatile Organic Compound
 LD: Lethal dose
 LC: Lethal concentration
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: Very persistent and very bioaccumulative
 SVHC: Substances of very high concern
 UN: United Nations
 CAS: Chemical Abstracts Service
 OECD: Organisation for Economic Co-operation and Development
 GHS: Globally Harmonized System of classification and Labelling of Chemicals



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REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)

IBC: Intermediate Bulk Container

ASTM: American Society for Testing And Materials

TSCA: Toxic Substances Control Act (USA)

WHO: World Health Organization

IMO: International Maritime Organization

IUCLID: International Uniform Chemical Information Database

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.