

neoform Active

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 17.11.2021

Print date: 20.01.23

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

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 | disinfectants |
| | Washing and cleaning products (including solvent based products) |

1.3. Details of the supplier of the safety data sheet

Address:

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

E-mail address of person responsible for this SDS:

sida@drweigert.de

1.4. Emergency telephone number

Emergency telephone number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

| | |
|--|------|
| Classification (Regulation (EC) No. 1272/2008) | |
| Acute Tox. 4 | H302 |
| Eye Dam. 1 | H318 |

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

| | |
|------|----------------------------|
| H302 | Harmful if swallowed. |
| H318 | Causes serious eye damage. |

Precautionary statements

| | |
|----------------|---|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact |

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P310
 lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER or doctor.
 Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)
 contains sodium carbonate peroxyhydrate

2.3. Other hazards

No special hazards have to be mentioned.
 The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

sodium carbonate peroxyhydrate

CAS No. 15630-89-4
 EINECS no. 239-707-6
 Registration no. 01-2119457268-30
 Concentration ≥ 25 < 50 %
 Classification (Regulation (EC) No. 1272/2008)
 Ox. Sol. 3 H272
 Acute Tox. 4 H302
 Eye Dam. 1 H318

Concentration limits (Regulation (EC) No. 1272/2008)
 Eye Dam. 1 H318 ≥ 25 %
 Eye Irrit. 2 H319 $\geq 7,5 < 25$ %

sodium carbonate

CAS No. 497-19-8
 EINECS no. 207-838-8
 Registration no. 01-2119485498-19
 Concentration ≥ 1 < 10 %
 Classification (Regulation (EC) No. 1272/2008)
 Eye Irrit. 2 H319

citric acid

CAS No. 77-92-9
 EINECS no. 201-069-1
 Registration no. 01-2119457026-42
 Concentration ≥ 10 < 25 %
 Classification (Regulation (EC) No. 1272/2008)
 Eye Irrit. 2 H319
 STOT SE 3 H335

fatty alcohols, ethoxylated, propoxylated

CAS No. 68439-51-0
 Concentration ≥ 1 < 5 %
 Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412

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Other information

Complete text of hazard statements in chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

Non suitable extinguishing media

Full water jet

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

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

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6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

Advice on protection against fire and explosion

Keep away from combustible material.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value > 0 < 25 °C

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

Hints on storage assembly

Do not store with combustible materials. Keep away from water.

Further information on storage conditions

Protect from heat and direct sunlight.

7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Dust mask

Hand protection

Chemical resistant gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Permanent hand contact

neoprene

>= 0,65 mm

> 480 min

butyl

>= 0,7 mm

> 480 min

nitrile

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Material thickness >= 0,4 mm
Breakthrough time > 480 min
Use Short-term hand contact
Appropriate Material nitrile
Material thickness >= 0,11 mm
Hand protection must comply with EN 374.

Eye protection

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state solid
Colour white
Odour characteristic
Melting point
Remarks not determined
Freezing point
Remarks not determined
Boiling point or initial boiling point and boiling range
Remarks not determined
Flammability
evaluation not determined
Upper and lower explosive limits
Remarks Not applicable
Flash point
Remarks Not applicable
Ignition temperature
Remarks Not applicable
Decomposition temperature
Remarks not determined
pH value
Value 7,6 to 7,9
Concentration/H₂O 2 %
Temperature 20 °C
Viscosity
Remarks Not applicable
Solubility(ies)
Remarks not determined
Partition coefficient n-octanol/water (log value)
Remarks not determined
Vapour pressure
Remarks not determined
Density and/or relative density
Remarks not determined
Relative vapour density
Remarks not determined

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9.2. Other information

Odour threshold

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks soluble

Explosive properties

evaluation not determined

Oxidising properties

evaluation oxidizing

Bulk density

Value appr. 800 kg/m³

Burning test

Remarks Not applicable

Other information

None known

SECTION 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

Protect from heat and direct sunlight.

10.5. Incompatible materials

Acids, Reducing agents

10.6. Hazardous decomposition products

Oxygen

SECTION 11: Toxicological information

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

Acute oral toxicity

| | | |
|---------|--|-------|
| Species | rat | |
| LD50 | appr. 2000 | mg/kg |
| Method | calculated value (Regulation (EC) No. 1272/2008) | |
| Remarks | The classification criteria are met. | |

Acute oral toxicity (Components)

sodium carbonate peroxyhydrate

| | | |
|---------|---------------------------------|-------|
| Species | rat | |
| LD50 | 1034 | mg/kg |
| Method | Value taken from the literature | |

Acute dermal toxicity

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

Acute dermal toxicity (Components)

sodium carbonate peroxyhydrate

| | | |
|---------|----------|-------|
| Species | rabbit | |
| LD50 | > 2000 | mg/kg |
| Method | OECD 402 | |

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

| | |
|------------|---|
| evaluation | irritant - risk of serious damage to eyes |
| Remarks | The classification criteria are met. |

Serious eye damage/irritation (Components)

sodium carbonate peroxyhydrate

| | |
|------------|---|
| Species | rabbit eye |
| evaluation | irritant - risk of serious damage to eyes |
| Method | OECD 405 |

Sensitization

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

Sensitization (Components)

sodium carbonate peroxyhydrate

| | |
|-------------------|-----------------|
| Route of exposure | dermal |
| Species | guinea pig |
| evaluation | non-sensitizing |
| Method | OECD 406 |

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.

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Experience in practice

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Inhalation of dusts may irritate the respiratory tract.

Other information

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

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

sodium carbonate peroxyhydrate

| | | | |
|----------------------|---|---|------|
| Species | Fathead minnow (<i>Pimephales promelas</i>) | | |
| LC50 | 70,7 | | mg/l |
| Duration of exposure | 96 | h | |

Daphnia toxicity

Reference substance sodium carbonate peroxyhydrate

Daphnia toxicity (Components)

sodium carbonate peroxyhydrate

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia pulex | | |
| EC50 | 4,9 | | mg/l |
| Duration of exposure | 48 | h | |

sodium carbonate peroxyhydrate

| | | | |
|----------------------|---------------|---|------|
| Species | Daphnia pulex | | |
| NOEC | 2 | | mg/l |
| Duration of exposure | 48 | h | |

Bacteria toxicity (Components)

sodium carbonate peroxyhydrate

| | | | |
|----------------------|------------------|-----|------|
| Species | activated sludge | | |
| EC50 | 466 | | mg/l |
| Duration of exposure | 30 | min | |

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

The product contains no PBT or vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

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The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. 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.

SECTION 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 off in agreement with the regional waste disposal company.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee |
|------------------------------|--|---|
| 14.1. UN number or ID number | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. |

Information for all modes of transport

14.6. Special precautions for user

See Sections 6 to 8

Other information

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Ingredients (Regulation (EC) No 648/2004)

30 % and more:

oxygen-based bleaching agents

less than 5 %:

non-ionic surfactants, phosphates

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Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

VOC

VOC (EU) 0 %

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

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

SECTION 16: Other information

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

Classification (Regulation (EC) No. 1272/2008)
Acute Tox. 4 H302
Eye Dam. 1 H318

Hazard statements listed in Chapter 2/3

H272 May intensify fire; oxidizer.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 4 Acute toxicity, Category 4
Aquatic Chronic 3 Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1 Serious eye damage, Category 1
Eye Irrit. 2 Eye irritation, Category 2
Ox. Sol. 3 Oxidising solid, Category 3
STOT SE 3 Specific target organ toxicity - single exposure, Category 3

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
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
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

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.