

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH)



Art. 2070, DIS 500

Version: 5

Revision date: 20.07.2017

Date of print: 20.07.2017

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Identification / trade name: Art. 2070, DIS 500

REACH registration number: not notifiable

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

Use of the substance / mixture:

Disinfection cleaner

1.3 Details of the supplier of the safety data sheet

Supplier / Manufacturer: HWR-CHEMIE GmbH
Moosfeldstrasse 7
D-82275 Emmering

Telephone: 0049-8141-51030

Telefax: 0049-8141-510350

E-mail: info@hwr-chemie.de

E-mail (competent person): infoSDB@hwr-chemie.de

Information contact: Laboratory

1.4 Emergency phone

Emergency phone Germany: 0049-8141-51030 (only during office hours)

2. Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 2, H411

2.2 Label elements

Regulation (EC) No 1272/2008

Hazard pictograms



Signal word: Danger.

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Hazard components for labeling

N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin

Hazard statements

H314 Causes severe skin burns and eye damage.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P273 Avoid release to the environment.
P280 Wear protective gloves and eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents/container at hazardous or special waste collection point.

3. Composition / information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Chemical characterization

Mixture of disinfectants, surfactants, complexing agents and auxiliaries in water.

Hazardous ingredients

1 - 8 % N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin, CAS 2372-82-9, Acute Tox. 3, H301; STOT RE 2, H373; Skin Corr. 1A, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
1 - 5 % Poly(oxy-1,2-ethandiyl).alpha.-tridecyl-omega.-hydroxy-, branched, Acute Tox. 4, H302; Eye Dam. 1, H318
1 - 5 % Alkylethersulphate C12-14 with EO, sodiumsalt, CAS 68891-38-3, Skin Irrit. 2, H315; Eye Irrit. 2, H319
1 - 5 % Lactic acid, CAS 79-33-4, Eye Dam. 1, H318; Skin Irrit. 2, H315

Additional information

Full text of H-phrases: see section 16.

4. First aid measures

4.1 Description of first aid measures

General informations: In all cases of doubt, or when symptoms persist, seek medical advice.
In case of inhalation: not applicable
In case of skin contact: Wash thoroughly with water.
In case of eye contact: Flush immediately with plenty of water. Contact physician if symptoms persist.
In case of ingestion: Do not induce vomiting, drink plenty of water and obtain medical advice.

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4.2 Most important symptoms and effects, both acute and delayed

See further information in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: water / foam / carbondioxide / dry chemical

Unsuitable extinguishing media: none

5.2 Special hazards arising from the substance or mixture

none suspected

5.3 Advice for fire-fighters

Co-ordinate fire-fighting measures to the fire surroundings.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow to enter undiluted into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with an absorbent material and dispose of according to local regulations.

6.4 Reference to other sections

Observe protective measures in sections 7 and 8.

7. Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes.

Precautions against fire and explosion

Product does not burn itself.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in tightly closed original container in a dry and cool place.

7.3 Specific end uses

Observe product information sheet.

8. Exposure controls / Personal protection

8.1 Control parameters

Does not contain substances fixing an occupational exposure limit.

8.2 Exposure controls / Personal protection equipment

Appropriate engineering controls

See section 7. No additional measures necessary.

Personal protection equipment

Respiratory protection: not applicable

Hand protection: Tested gloves with breakthrough time \geq 8 hours made from NR 0.5 mm, CR 0.5 mm, NBR 0.35 mm, Butyl 0.5 mm, FKM 0.4 mm, PVC 0.5 mm

Eye protection: use safety goggles

Protective clothing: usual work clothes

General health and safety measures

Respect good personal hygiene. Do not drink, eat or smoke while handling.

Environmental exposure controls

See section 6 and 7.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Physical state:	liquid
Colour:	yellowish
Odour:	mild
pH value (undiluted):	approx. 8.5
pH value (1 %):	approx. 8.0
Freezing point (°C):	approx. -2
Boiling temperature (°C):	approx. 100
Vapour pressure (hPa):	approx. 23

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Density (g/cm³): approx. 1.03
Water solubility: mixable
Fat solubility: insoluble
Dynamic viscosity (mPas): approx. 50

9.2 Other information

No other physical and chemical data has been recorded.

10. Stability and Reactivity

10.1 Reactivity

No decomposition if used and stored according to specifications.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

There are expected no hazardous reactions for intended use.

10.4 Conditions to avoid

No dangerous conditions known.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

Will not occur.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Irritant and corrosive effects

Causes severe skin burns and eye damage.

Sensitisation

No irritation known or suspected.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

No CMR activities known or suspected.

Specific target organ toxicity (single exposure)

Mixture ist not classified as specific target organ toxic.

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Specific target organ toxicity (repeated exposure)

Mixture ist not classified as specific target organ toxic.

Aspiration hazard

Not classified. Mixture does not contain any hydrocarbons.

12. Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No data available.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of according to local regulations.

Waste codes/waste designations according to EWC

07 06 99

Packaging

Contaminated package

Dispose of according to local regulations.

Cleaned package

Non contaminated and clean packagings can be used for recycling.

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14. Transport information

14.1 UN number

1903

14.2 UN Proper shipping name:

ADR / RID:

Disinfectant, liquid, corrosive, n.o.s. (N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin), environmentally hazardous

IMDG-Code / ICAO-TI / IATA-DGR:

Disinfectant, liquid, corrosive, n.o.s. (N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin), environmentally hazardous

14.3 Transport hazard class(es)

ADR / RID / IMDG-Code / ICAO-TI / IATA-DGR:

8

14.4 Packing group

III

14.5 Environmental hazards

environmentally hazardous

14.6 Special precautions for user

See section 6 and 8.

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

not applicable

15. Regulatory information

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

National regulations

Water hazard class (WGK): WGK 2

15.2 Chemical Safety Assessment

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

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16. Other information

Indication of changes

The classification in section 2 and 14 have been changed. Also all the sections and sub-sections have been adapted to meet the requirements of Regulation (EU) 2015/830.

Relevant H- and EUH-phrases (number and full text)

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Key literature references and sources for data

REACH Regulation (EC) No. 1907/2006 last amended by Regulation (EU) 2016/2235

CLP Regulation (EC) No. 1272/2008 last amended by Regulation (EU) 2016/1179

Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.