

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 07/01/2026

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1. Identification of the substance/preparation and of the company/undertaking *

1.1. Information on the product

Trade name:

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UFI:

4KX2-KA80-400N-07XT

1.2. Relevant identified uses of the substance/preparation and uses that are inadvisable

Relevant identified uses:

No further relevant information available.
Disinfectant

1.3. Details about the supplier of the safety data sheet

Manufacturer/Supplier:

Company name:

PRISMAN GmbH

Street:

Otto Hahn Ring 6-18

City:

D-64653 Lorsch

Department for information:

Product Safety Department
Alexander.Metz@prisman.de

Distribution:

picodent GmbH
Lüdenscheider Str. 24-26
D-51688 Wipperfürth
E-Mail: picodent@picodent.de

Telefon: +49 2267 6580-0
Internet: www.picodent.de

1.4. Emergency contact number:

Medical Emergency information in case of poisoning:

Poison Information Center Mainz

-24 h – Phone: +49 6131 19240
advisory service in German or English language

2. Hazards identification *

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP):
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms

Void

Signal word

Void

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Labelling of packages where the contents do not exceed 125 ml -

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2.3. Other hazards:

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Determination of endocrine-disrupting properties

Environmental information:

There is no information available on endocrine disrupting properties for the environment

Toxicological information:

There is no information available on endocrine disrupting properties for human health.

3. Composition/information on ingredients *

3.1. Substances

CAS No. Description

Identification number(s)

EC number:

CAS: 68424-85-1

quaternary ammonium compounds, benzylalkyl(C=12-16) ≤0,3%

dimethyl, chlorides

alkyldimethyl-, Chloride

EINECS: 270-325-2

Indexnummer: 002-703-25-2

 Skin Corr. 1B, H314

Reg.nr.: 01-2119983287-23-0000

 Aquatic Acute 1, H400

 Acute Tox. 4, H302

CAS: 85409-23-0

Quaternary

≤0,3%

 Skin Corr. 1B, H314

 Aquatic Acute 1, H400

 Acute Tox. 4, H302

CAS: 18472-51-0

D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)- ≤1,0%

3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)

EINECS: 242-354-0

 Eye Dam. 1, H318

Reg.nr.: 01-2119946568-22-0005

 Aquatic Acute 1, H400; Aquatic Chronic 1, H410

CAS: 7173-51-5

didecyldimethylammonium chloride

≤0,3%

EINECS: 230-525-2

 Skin Corr. 1B, H314

Indexnummer: 612-131-00-6

 Aquatic Chronic 2, H411

Reg.nr.: 01-2119457558-25-XXXX

 Acute Tox. 4, H302

4. First aid measures *

4.1. Description of first aid measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

Rinse out mouth and then drink plenty of water.

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Induce vomiting only, if affected person is fully conscious.
A person vomiting while laying on their back should be turned onto their side.

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

No further relevant information available.

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

No further relevant information available.

5. Fire-fighting measures *

5.1. Extinguishing media

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

5.2. Special hazards arising from the substance or mixture:

In case of fire, the following can be released: Carbon monoxide (CO)

5.3. Advice for firefighters

Protective equipment:

Do not inhale explosion gases or combustion gases.

6. Accidental release measures *

6.1. Personal precautions, protective equipment and emergency procedures:

Particular danger of slipping on leaked/spilled product.

6.2. Environmental precautions:

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13..

6.4. Reference to other sections:

No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

7. Handling and storage *

7.1. Precautions for safe handling:

No special precautions are necessary if used correctly.

Information about fire - and explosion protection:

The product is not flammable.

7.2. Conditions for safe storage, including any incompatibilities

Storage

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Requirements to be met by storerooms and receptacles:

Prevent any seepage into the ground.
Store only in the original receptacle.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

None.

Storage class:

LGK 12

7.3. Specific end use(s):

No further relevant information available.

8. Exposure controls/personal protection *

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

Not required.

8.2. Exposure controls

Appropriate engineering controls:

No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Respiratory protection:

Not required.

Hand protection:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

Rubber gloves

For the permanent contact gloves made of the following materials are suitable:

Neoprene gloves

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Nitrile rubber, NBR

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Butyl rubber, BR
Fluorocarbon rubber (Viton)

Eye/face protection:

Goggles recommended during refilling.

9. Physical and chemical properties *

9.1. Information on basic physical and chemical properties

General Information

Physical state:	Fluid
Colour:	Colourless
Odour:	Pleasant
Odour threshold:	Not determined
Melting point/freezing point:	0 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	Not applicable.
Lower and upper explosion limit	
Lower:	Not applicable.
Upper:	Not applicable.
Flash point:	Not applicable.
Ignition temperature:	Not applicable.
Decomposition temperature:	Not determined.
pH	Not applicable
Viscosity:	
Kinematic viscosity:	Not applicable
Dynamic:	0.952 mPas
Solubility	
water	Fully miscible.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density and/or relative density	
Density at 20 °C:	1 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.

9.2. Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Not applicable
Explosive properties:	Product does not present an explosion hazard.

Solvent content:	
Water	> 98 %
VOC (EC):	0.00 %
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives:	Void

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Flammable gases:	Void
Aerosols:	Void
Oxidising gases:	Void
Gases under pressure:	Void
Flammable liquids:	Void
Flammable solids:	Void
Self-reactive substances and mixtures:	Void
Pyrophoric liquids:	Void
Pyrophoric solids:	Void
Self-heating substances and mixtures:	Void
Substances and mixtures, which emit flammable gases in contact with water:	Void
Oxidising liquids:	Void
Oxidising solids:	Void
Organic peroxides:	Void
Corrosive to metals:	Void
Desensitised explosives:	Void

10. Stability and reactivity

10.1. Reactivity	No further relevant information available.
10.2. Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.3. Possibility of hazardous reactions:	No dangerous reactions known.
10.4. Conditions to avoid:	No further relevant information available.
10.5. Incompatible materials:	No further relevant information available.
10.6. Hazardous decomposition products:	No dangerous decomposition products known.

11. Toxicological information *

11.1. Information on toxicological effects	
Acute toxicity:	Based on available data, the classification criteria are not met.
Primary irritant effect:	
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.
Aspiration hazard	Based on available data, the classification criteria are not met.
11.2. Information on other hazards	
Endocrine disrupting properties:	None of the ingredients is listed.

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12. Ecological information *

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability:

No further relevant information available.

12.3. Bioaccumulative potential:

No further relevant information available.

12.4. Mobility in soil:

No further relevant information available.

12.5. Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

12.6. Endocrine disrupting properties:

The product does not contain substances with endocrine disrupting properties.

12.7. Other adverse effects

Remark:

Harmful to fish

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Harmful to aquatic organisms

13. Disposal considerations *

13.1. Waste treatment methods

Recommendation:

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES
07 04 00 wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides
07 04 99 wastes not otherwise specified

Uncleaned packaging

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
20 01 39

Recommended cleansing agents:

Water, if necessary together with cleansing agents.

14. Transport information *

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14.1. UN number or ID number
ADR, ADN, IMDG, IATA

Void

14.2. UN proper shipping name
ADR, ADN, IMDG, IATA

Void

14.3. Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class

Void

14.4. Packing group
ADR, IMDG, IATA

Void

14.5. Environmental hazards:
Marine pollutant:

No

14.7. Maritime transport in bulk according to IMO
instruments

Not applicable.

Transport/Additional information:

Not dangerous according to the above specifications.

ADR
Limited quantities (LQ)

-

Transport category

-

UN „Model Regulation“:

Void

15. Regulatory information *

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC)

No 1272/2008:

GHS label elements

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms

Void

Signal word:

Void

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Directive 2012/18/EU

Named dangerous substances - ANNEX I

Substance is not listed.

REGULATION (EC) No 1907/2006 ANNEX XVII
Regulation (EU) No 649/2012

Conditions of restriction: 3

7173-51-5 didecyldimethylammonium chloride Annex I Part 1

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DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:

Other regulations, limitations and prohibitive regulations

Zolltarifnummer: 3808 94 10

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other information *

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Recommended restriction of use Product only for professional use

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IATA-DGR: Dangerous Goods Regulations by the „International Air Transport Association“ (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the „International Civil Aviation Organisation“ (ICAO)
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

* Data compared to the previous version Rev.-No. 1.1 altered.