

SAFETY DATA SHEET

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



Art. 2740, DES-REIN 90

Version: 5

Revision date: 24.11.2016

Date of print: 24.11.2016

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

Product identifier

Identification / trade name: Art. 2740, DES-REIN 90

REACH registration number: not notifiable

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

Use of the substance / mixture:

Disinfection cleaner

Details of the supplier of the safety data sheet

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

Telephone: 0049-8141-51030

Telefax: 0049-8141-510355

E-mail: info@hwr-chemie.de

Department responsible for information

Information contact: Laboratory

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

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

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

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

Label elements

Labelling according to Regulation (EC) No 1272/2008

This mixture is hazardous in the sense of regulation (EC) No 1272/2008.

Hazard pictograms



Signal word: Danger.

Hazard statements

H314 Causes severe skin burns and eye damage.

H410 Very toxic to aquatic life with long lasting effects.

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Precautionary statements

P102 Keep out of reach of children.
P273 Avoid release to the environment.
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 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.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor/physician.
P501 Dispose of contents/container at hazardous or special waste collection point.

Hazard components for labeling

Alkyldimethylbenzylammoniumchloride

3. Composition / information on ingredients

Chemical characterization

Mixture of surfactants, alkalis, builders, complexing agents, dye and fragrance in water.

Hazardous ingredients

5 - 10 % Alcohol, C10-16, ethoxylated, propoxylated, CAS 69227-22-1, Acute Tox. 4, H302; Eye Dam. 1, H318
5 - 10 % Alkyldimethylbenzylammoniumchloride, CAS 68424-85-1, Acute Tox. 4, H302; Skin corr. 1B, H314;
Met. Corr. 1, H290; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
1 - 5 % Sodium carbonate, CAS 497-19-8, Eye Irrit. 2, H319

Remark

Full text of H-phrases: see section 16.

4. First aid measures

General informations: In all cases of doubt, or when symptoms persist, seek medical advice.
In case of inhalation: Remove from exposure site to fresh air and keep at rest.
In case of skin contact: Wash thoroughly with water.
In case of eye contact: Flush immediately with plenty of water and obtain medical advice.
In case of ingestion: Do not induce vomiting, drink plenty of water and obtain medical advice.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: water / foam / carbondioxide / dry chemical
Unsuitable extinguishing media: none known

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Special hazards arising from the substance or mixture

None suspected.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Environmental precautions

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

Methods and material for containment and cleaning up

Absorb with an absorbent material and dispose of according to local regulations. Acids may be used for pH neutralization.

Reference to other sections

Observe protective measures in sections 7 and 8.

7. Handling and Storage

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.

Conditions for safe storage, including any incompatibilities

Information on storage conditions

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

Requirements for storage rooms and vessels

No special measures necessary.

8. Exposure controls / Personal protection

Control parameters

Does not contain substances fixing an occupational exposure limit.

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Exposure controls

Technical measures

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

Information on basic physical and chemical properties

General information

Physical state:	liquid
Colour:	colourless.
Odour:	apple
pH value (undiluted):	approx. 13.5
pH value (1 %):	approx. 12.5
Freezing point (°C):	approx. -10
Boiling temperature (°C):	approx. 100
Vapour pressure (hPa):	approx. 23
Density (g/cm³):	approx. 1.045
Water solubility:	mixable
Fat solubility:	insoluble
Dynamic viscosity (mPas):	< 10

Other information

No other physical and chemical data has been recorded.

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10. Stability and Reactivity

Reactivity

No decomposition if used and stored according to specifications.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

There are expected no hazardous reactions for intended use.

Conditions to avoid

No dangerous conditions known.

Incompatible materials

none

Hazardous decomposition products

Will not occur.

11. Toxicological information

Information on toxicological effects

no data

Irritant and corrosive effects

Causes severe skin burns and eye damage.

Sensitisation

No irritation known or suspected.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

No CMR activities known or suspected.

Additional information

No further detrimental effects known to us.

12. Ecological information

Toxicity

No data available.

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.

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Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. Disposal considerations

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.

14. Transport information

Land transport (ADR/RID)

Class:	8
Classification code:	C9
UN number:	1903
Packing group:	III
Hazard label:	8 + EHS
Transport designation:	Disinfectant, liquid, corrosive, n.o.s. (Alkyldimethylbenzylammoniumchloride)
Remark:	Transport as "limit quantity" according to chapter 3.4 ARD/RID

Sea transport (IMDG)

IMDG-CODE-Class:	8
UN number:	1903
Packing Group:	III
Proper Shipping Name:	Disinfectant, liquid, corrosive, n.o.s. (Alkyldimethylbenzylammoniumchloride)
Marine pollutant:	yes

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Air transport (ICAO-TI / IATA-DGR)

Class or Division: 8
UN/ID number: 1903
Packing Group: III
Proper Shipping Name: Disinfectant, liquid, corrosive, n.o.s. (Alkyldimethylbenzylammoniumchloride)

15. Regulatory information

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

National regulations

Water hazard class (WGK): WGK 2

Chemical Safety Assessment

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

16. Other information

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

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Data sources

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.