

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name: CAROXID

Product no.: -

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

Product use: Cleaning agent.

1.3 Details of the Supplier of the safety data sheet

Company: Scankemi Danmark
Vestervej 48
9240 Nibe
Denmark
Tel.: +45 98 34 22 22
Fax: +45 98 34 22 20
www.scankemi.dk

Contact: info@scankemi.dk

1.4 Emergency telephone number:

Use your local emergency number.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture according to 1272/2008 CLP.

Skin Irrit. 2; H315, Eye Irrit. 2; H319.

2.2 Label Elements 1272/2008 CLP:

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements:

Prevention:

P280 Wear protective gloves/eye protection.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

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.

P362 Take off contaminated clothing.

Storage:

-

Disposal:

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

Additional labeling 648/2004:

Contains <5 % non-ionic surfactants.

2.3 Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

-

3.2 Mixture:

CAS/EC-no.	REACH-no.	Name	Content %	Classification CLP
7664-38-2 / 231-633-2	01-2119485924- 24	Phosphoric acid 25 %*	10-30	Skin Corr. 1B; H314.
6153-56-6 / 205-634-3	01-2119534576- 33	Oxalacid Dihydrat	1-5	Acute Tox. 4; H302+ H312.
34590-94-8 / 252-104-2	01-2119450011- 60	(2-methoxymethylethoxy) propanol**	<2	-
160875-66-1 / 605-233-7	-	1-Heptanol, 2-propyl-, 7EO	<2	Acute Tox. 4; H302, Eye Dam. 1; H318.

*Specific Concentration limits: Eye Irrit. 2; H319: $10 \% \leq C < 25 \%$, Skin Corr. 1B; H314: $C \geq 25 \%$, Skin Irrit. 2; H315: $10 \% \leq C < 25 \%$.

**Has workplace exposure limits.

3.3 Additional information:

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General information: In case of doubt or if symptoms persist caused by the product, always call a doctor. Take this safety data sheet with you.

Inhalation: Move affected person to fresh air. Get medical attention if any discomfort continues.

Skin contact: Wash immediately with plenty of water for at least 5 minutes. Get medical attention if symptoms or irritation persist.

Eye contact: Flush immediately eyes with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Make sure you flush under the upper and lower eyelids. Get medical attention if irritation persist.

Ingestion: Drink a couple of glass of milk immediately. Do NOT induce vomiting. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed:
Causes skin irritation. Causes serious eye irritation.

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

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Use appropriate media for adjacent fire.

Unsuitable extinguishing media:
None known.

5.2 Special hazards arising from the substance or mixture
In case of fire, harmful gases/fumes may occur - avoid inhalation. In contact with certain metals, concentrated phosphoric acid forms hydrogen, which together with air can form an explosive gas/air mixture. Contaminated extinguishing water may contain harmful substances.

5.3 Advice for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact. Use water spray or fog for cooling exposed containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
See section 8 on 'Exposure controls/personal protection' for information on personal protection. Avoid contact with skin and eyes. Floor/surface may be slippery, use care to avoid falling

6.2 Environmental precautions:
Prevent entry to sewers and public waters. Notify authorities if large quantity liquid enters sewers or public waters.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



6.3 Methods and material for containment and cleaning up:

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in labelled and closed container for disposal, according to local regulations. Dispose of contaminated material as waste according to section 13.

6.4 Reference to other sections:

See section 8 and 13 for further informations.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Wear appropriate personal protective equipment – see section 8. Avoid contact with skin and eyes. Avoid spills. Provide adequate ventilation. Make sure that eyewash station are available. Store closed in original packaging.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool and well-ventilated place at temperatures below 30°C. Store frost free.

7.3 Specific end use(s):

This product should only be used for applications described in section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits EH40 (Great Britain):

CAS-no:	Name:	Limits 8 h:	Limits 15 min.:	Ref./comments:
7664-38-2	Phosphoric acid 25 %	1 mg/m ³	2 mg/m ³	EH40
34590-94-8	(2-methoxymethylethoxy) propanol	50 ppm 308 mg/m ³	-	EH40 - Sk

Sk: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

DNEL/PNEC:

-

8.2 Exposure controls

Appropriate technical measures:

Airborne concentrations must be kept as low as possible. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Make sure that eyewash are clearly marked. Avoid contact with eyes and skin.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Normally not necessary.
In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection:

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Option: Nitrile gloves. EN 374. >480 min.

Eye protection:

Use tight-fitting chemical goggles. EN 166.

Body protection:

Wear appropriate protective clothing.

Measures to avoid environmental exposure:

Avoid discharge to lakes, streams, sewers, etc.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Liquid	Color: Colorless	Odor: -	PH 20°C: ~1 concentrated. 1.7 PH at 1 % solution	Viscosity: -
Flashpoint: -	Boiling point: -	Vapor pressure: -	Density: 1.13 g/cm ³	Melting point: -
Thermal decomposition: -	Auto-ignition: -	Explosive limits -	Solubility in water: Soluble 100 %	

9.2 Other information:

-

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Stable product under normal conditions.

10.2 Chemical stability:

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions:

No information.

10.4 Conditions to avoid:

None known.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



10.5 Incompatible materials: No information.

10.6 Hazardous decomposition products:
No information.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects

Acute toxicity:	Not classified. Phosphoric acid 25 %: Oral – LD50 – Rat: 1530 mg/kg Dermal – LD50 – Rabbit: 2740 mg/kg Oxalacid Dihydrat: Oral – LD50 – Rat: 7500 mg/kg (2-methoxymethylethoxy) propanol: Oral – LD50 – Rat: 5130 mg/kg Dermal – LD50 – Rabbit: >19000 mg/kg 1-Heptanol, 2-propyl-, 7EO: Oral – LD50 – Rat: 200-2000 mg/kg
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.
Additional information:	-

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Not classified.

Phosphoric acid 25 %:

Fish (aborre) – LC50 – 96 h.: 78 mg/l

Daphnia – EC50 – 12 h.: 3.4 mg/l

Fish (Gambusia affinis) – LC50 – 96 h.: 3-3.5 mg/l

Oxalacid Dihydrat:

Fish – LC50 – 96 h.: 96 mg/l

Daphnia – EC50 – 48 h.: 137 mg/l

Algae – IC50 – 8 d.: 80 mg/l

(2-methoxymethylethoxy) propanol:

Fish (elritse) – LC50 – 96 h.: >10000 mg/l

Daphnia – EC50 – 48 h.: 5000 mg/l

1-Heptanol, 2-propyl-, 7EO:

Fish – LC50 – 96 h.: 10-100 mg/l

Daphnia – LC50 – 48 h.: 10-100 mg/l

Algae – ErC50 – 72 h.: 10-100 mg/l

12.2 Persistence and degradability:

The product is biodegradable.

The surfactants in the product meet all requirements of the detergents regulation – 648/2004.

12.3 Bioaccumulative potential:

No known potential.

12.4 Mobility in soil:

The product is insoluble in water.

12.5 Result of PBT and vPvB assessment:

The product does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects:

None known.

Avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Classified as hazardous waste. Must be disposed of in accordance with local and national regulations. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a hazardous or special waste collection point.

Option:

EWC-code:

20 01 29

Contaminated packing:

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number	-	-
14.2 UN proper shipping name	-	-
14.3 Transport hazard class(es)	-	-
14.4 Packing group	-	-
14.5 Environmental hazards - MP	No -	No -
Other informations	LQ: - TUNNEL: -	LQ: - TUNNEL: -

14.6 Special precautions for user:

-

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

-

SECTION 15. REGULATORY INFORMATION

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

Sources:

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EU 830/2015. CLP 1272/2008.

Additional information:

-

15.2 Chemical safety assessment:

Chemical safety assessments have not been performed for this product.

Safety data sheet

CAROXID

Version 1.0

Effective date: 01-10-2018



SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Transport information provided by the manufacturer.

Validated by:

SRS

www.msds-eu.com
