

Product: Durosoft K

Print Date:

Revision on: 15.06.2001

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1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name: Durosoft K
- Article number: 1010280
- Manufacturer/Supplier:
DLH-LEDERTECHNIK GmbH
Floridsdorfer Hauptstr. 29
A-1210 Vienna/Austria
Phone: +43-1-278 13 57
Fax: +43-1-278 13 57-9
e-mail: dlh@dlh.at
- Informing department: Product Safety Department

2 COMPOSITION/DATA ON COMPONENTS:

- Chemical characterization
- Description:
modified alkylaminocarboxamide
aqueous preparation void

3 HAZARDS IDENTIFICATION

Hazard warning not required

4 FIRST AID MEASURES

- After inhalation
Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.
- After skin contact
Cleansing with plenty of water, soap or other non-irritating cleansing agents.
- After eye contact
Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. Eventually a doctor (or eye specialist) should be consulted.
- After swallowing
If product is swallowed, make the patient drink water. Wash out mouth repeatedly. If the patient feels unwell, seek medical advice.

5 FIRE FIGHTING MEASURES

Extinguishing media: water mist, foam, dry powder, CO₂
Firemen have to wear self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Take up with absorbent material.

7 HANDLING AND STORAGE

No special measures required.
Do not allow product temperature to drop below -5 °C
VCI storage class: 12
Storage period 24 months.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Avoid inhaling aerosols and vapours.
Avoid contact with eyes and skin.
Keep away from food and drink stuffs.
Do not eat, drink or smoke at work.
Wash hands before breaks and at end of work and use skin-protecting ointment.

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9 PHYSICAL AND CHEMICAL PROPERTIES:

- Form: liquid
- Colour: yellowish
- Odour: no
- Solidifying point: from -1 °C
- Boiling point: from 80 °C
- Density: 1,00 g/cm³
- Vapour pressure: 23 mbar at 20°C
122 mbar at 50°C
157 mbar at 55°C
- Viscosity: < 150 mPa.s at 23°C
- Solubility in water: miscible
- pH value: 3,5-5,0 at 10g/l water
- Flash point: not below 100°C DIN 51758
- Ignition temperature: not below 500°C DIN 51794

10 STABILITY AND REACTIVITY

Thermal decomposition: No thermal decomposition when stored and handled correctly.

11 TOXICOLOGICAL INFORMATION

- Acute oral toxicity (LD₅₀): above 5000 mg/kg tested in rats
- Skin irritation: non-irritant tested on rabbits
- Eye irritation: non-irritant tested on rabbit eyes

12 ECOLOGICAL INFORMATION:

Biological elimination: 50-100%

Method: (BOD₃₀:COD)x100

TOC value: 113 mg/g

COD value: 673 mg/g

BOD₅ value: 229 mg/g

Fish toxicity:

LC₀: 1-10 mg/l

LC₅₀: 10 mg/l

Test species: *Leuciscus idus* Duration of test: 48h

Test procedure: Range Finding Test

Inhibition of activity of waste water bacteria:

No inhibitory effects at 1000 mg/l.

Test organism: *Pseudomonas fluorescens*

Test method: Growth inhibition test modified according to G. Bringmann, Gesundheitsingenieur 94, 366-369 (1973)

Water pollution class (WGK): 1-slightly hazardous to water (own classification)

WGK=Classification in accordance with the German Water Resources Act

Product does not add to the AOX-value of the sewage. (DIN 38409)

The product does not contain heavy metals in concentrations of concern for waste water.

The product contains <0,1% available nitrogen which can contribute to eutrophication.

The product contains approx. 1,5% phosphorus as phosphate.

13 DISPOSAL CONSIDERATIONS

If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant.

Soiled, empty containers are to be treated in the same way as the contents.

SAFETY DATA SHEET gemäß 91/155/EWG



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14 TRANSPOT INFORMATION

GGVSee/IMDG Code:--- UN No.:---

MFAG: ---

EmS: ---

PG: -- MPO: ---

GGVE/GGVS: Class --- No.---

RID/ADR: Class ---

No. ---

ADNR: Class --- No.---

Cat: ---

ICAO/IATA-DGR:not restr.

Declaration for land shipment: ---

Declaration for sea shipment: ---

Declaration for shipment by air: ---

Other information:

Not dangerous cargo. Avoid temperatures below -5°C . Keep separated from foodstuffs.

15 REGULATORY INFORMATION

No labelling is required in accordance with the EEC directives.

Not subject to the German Regulation on Flammable Liquids (VbF)

16 OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.