

EC SAFETY DATA SHEET

Durognost SR 1

Status: 17.09.2003

1/3

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

Identification of the product

Trade name: Durognost SR 1

Manufacturer/supplier identification

Gebrüder Heyl GmbH & Co. KG
Postfach 10 05 51
31135 Hildesheim/Germany
Telephone 00 49 (0)5121-76090 Telefax 00 49 (0)5121-760944

Emergency Tel.: 00 49 (0)5121-76090

2. Composition/information on ingredients

Chemical characteristics

Preparation contains aliphatic amino alcohols, metal-specific indicators, polyethylene glycol (PEG/average molarity 200 - 600), ethylenediaminetetraacetic acid, water

3. Hazards identification

Irritating to eyes.

4. First aid measures

On skin contact: rinse off with large quantities of water and soap
On eye contact: rinse out immediately with large quantities of water (remove contact lenses)
and consult a doctor
On swallowing: rinse mouth immediately then drink large quantities of water and consult a doctor

5. Fire-fighting measures

Suitable extinguishing agents: water, carbon dioxide, powder
Special hazards: none known
Substances released by fire: NO x

6. Accidental release measures

Soak up the liquid with absorbant material and dispose of correctly.
Wash away any residue with water.

7. Handling and storage

Handling:	avoid contact with skin and eyes do not use tools made of aluminium or copper or their alloys
Storage:	store tightly sealed in a dark, well ventilated place at room temperature

8. Limiting exposure / Protective equipment

MAK-values	polyethylene glycol (PEG/average molarity 200 - 600)	1000 mg/m ³ (D)
	2,2'-iminodiethanol:	15 mg/m ³ (NL)
	triethanolamine:	5 mg/m ³ (S)

Personal protective equipment

Respiratory protection:	not required if proper handling procedures are observed
Eye protection:	protective goggles
Hand protection:	protective gloves
Hygiene:	change used clothing immediately and always wash hands after finishing work and before breaks

9. Physical and chemical properties

Form:	liquid
Colour:	green
Odour:	none
pH-value:	10 (3 g/l in water; 20°C)
Boiling point:	no data available
Melting point:	no data available
Flashpoint:	no data available
Inflammability:	no data available
Explosibility limits:	lower: no data available upper: no data available
Vapour pressure:	no data available
Density:	1,12 g/cm ³ (20°C)
Solubility in water:	miscible (20°C)
Viscosity:	no data available

10. Stability and reactivity

Conditions to be avoided:	Exothermic neutralisation reaction with acids. Under certain conditions possible formation of nitrosamines in the presence of nitrites or reagents causing nitrosation.
Substances to be avoided:	acids, nitrites, reagents causing nitrosation do not use tools made of aluminium or copper or their alloys
Hazardous decomposition products:	NO _x

11. Toxicological information

No data available.

12. Ecological information

No data available.

13. Disposal considerations

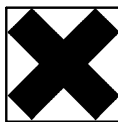
Chemical residues are problem waste, for the disposal of which there are no uniform regulations within the European Community. Please contact your local authority or waste disposal companies for information about the local disposal regulations of problem waste.

14. Transport information

Not classified as a dangerous medium according to ADR/ RID, IMDG, IATA.

15. Regulatory information**Labelling according to EC Directive/German Hazardous Substances Ordinance**

Xi



Irritant

R 36 Irritating to eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

German regulations/standards:

Water pollution class: 1 (VwVwS Anh. 4)

Other national regulations/standards:**16. Other particulars**

Reason for alteration General update.

The above information which reflects our current knowledge and experience, characterizes the product with regard to any safety requirements that may be applicable. This does not represent an assurance or guarantee of characteristics.