



**Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

**Z 22**

Print date: 07.12.2009

Product code: 195

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**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

**After ingestion**

Do not induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

**Advice to doctor**

Treat symptomatically

**5. Fire-fighting measures****Suitable extinguishing media**

Water fog. Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

**Extinguishing media which must not be used for safety reasons**

High power water jet.

**Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases**

Can be released in case of fire:

Nitrogen oxides (NO<sub>x</sub>).

Carbon monoxide.

Carbon dioxide (CO<sub>2</sub>).

**Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus. Full protective suit.

**6. Accidental release measures****Personal precautions**

See protective measures under point 7 and 8.

**Environmental precautions**

Contain and control the leaks or spills with noncombustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal

Do not empty into drains or the aquatic environment.

**Methods for cleaning up/taking up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Large quantities remove mechanically

Clean contaminated objects and areas thoroughly observing environmental regulations. Clean with detergents. Avoid solvent cleaners.

**7. Handling and storage****Handling****Advice on safe handling**

Use only in well-ventilated areas.

Direct contact with skins avoid.

When using do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Prevent access by unauthorised personnel.

**Further information on handling**

When using do not eat, drink or smoke.

High slip hazard because of leaking or spilled product.

**Storage**

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**Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.  
Recommended storage temperature: 5-40 °C  
Maximum period of storage (time): 1 Jahr

**Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.  
Do not store with strong oxidizing agents.

**Further information on storage conditions**

te regulations relating to storage premises apply to workshops where the product is handled.  
Maximum period of storage (time):

Storageclass (VCI): 12

**8. Exposure controls/personal protection****Exposure limit values****Exposure controls****Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

**Respiratory protection**

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

**Hand protection**

Protect skin by using skin protective cream.  
Wear protective gloves if advisable under safety aspects.  
Wash hands before breaks and at the end of work.  
Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

**Eye protection**

Use glasses or face shield if there is a risk of splashing.

**Skin protection**

Chemical resistant safety shoes.  
Take off immediately all contaminated clothing.  
Thorough skin-cleansing after handling the product.  
Set out skin protection guidelines.

**9. Physical and chemical properties****General information**

Physical state: liquid  
Colour: light brown  
Odour: characteristic

**Important health, safety and environmental information**

pH-Value (at 20 °C): in aqueous solution 5% ; 9,5      Test method: DIN 51369

**Changes in the physical state**

Flash point: irrelevant  
Vapour pressure: not determined  
Density (at 20 °C): 1,053 g/cm<sup>3</sup>      EN ISO 12185

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Viscosity / kinematic:  
(at 20 °C)11 mm<sup>2</sup>/s ASTM D 7042**Other information**

Ignition temperature:

not determined

**10. Stability and reactivity****Conditions to avoid**

Protect against: heat.

**Materials to avoid**

The following must be prevented: Oxidizing agents, strong. acid.

**Hazardous decomposition products**

Hazardous decomposition products: none / none

**11. Toxicological information****Acute toxicity**

after ingestion: LD50: &gt; 2000mg/kg Rat.

After skin contact: LD50: &gt; 2000mg/kg Rat.

following inhalation: LC50: &gt; 5mg/1/4hRat.

**Additional information on tests**

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the components.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**12. Ecological information****Mobility**

in delivery condition: liquid

**Persistence and degradability**

Additional information: none / none

**Bioaccumulative potential**

Can be concentrated in organisms.

**13. Disposal considerations****Advice on disposal**

Completely emptied packings can be re-cycled. Waste disposal according to official state regulations.

**Waste disposal number of waste from residues/unused products**

120301 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from water and steam degreasing processes (except 11); aqueous washing liquids  
Classified as hazardous waste.

**14. Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

**Inland waterways transport**

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### Other applicable information (inland waterways transport)

Not restricted

### Marine transport

#### Other applicable information (marine transport)

Not restricted

### Air transport

#### Other applicable information (air transport)

Not restricted

## 15. Regulatory information

### Labelling

Danger symbols: Xi - Irritant

### R phrases

38 Irritating to skin.  
41 Risk of serious damage to eyes.

### EU regulatory information

1999/13/EC (VOC): 0

### National regulatory information

## 16. Other information

### Full text of R-phrases referred to under sections 2 and 3

21/22 Harmful in contact with skin and if swallowed.  
34 Causes burns.  
38 Irritating to skin.  
41 Risk of serious damage to eyes.  
50 Very toxic to aquatic organisms.  
52 Harmful to aquatic organisms.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*