

E.C. Safety Data Sheet

Status: 25.10.2004

Version: 1.

degussa.

Röhm Plexiglas

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1. Identification of the Substance/Preparation and of the Company/Undertaking

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Recommended use(s):

antistatic cleaning agent

Röhm GmbH & Co. KG, Chemische Fabrik

D-64275 Darmstadt

+49 (0) 6151 - 18 - 01

Emergency Number

+49 (0) 6151 - 18 43 42

Information provided by

+49 (0) 6151 - 18 49 72

2. Composition/Information on Ingredients

Water solution of an antistatic cleaning agent

Hazardous Ingredients

Component	CAS No.	Hazard symbol(s) / R-phrases(s)	Content
propan-2-ol; isopropyl alcohol; isopropanol	67-63-0	F, Xi 11-36-67	3,0 - 7,0 %

3. Hazards Identification

No particular hazards known.

4. First Aid Measures

General information

Remove contaminated, soaked clothing.

After inhalation

In case of complaints get medical advice.

After contact with eyes

Flush eyes thoroughly with a large amount of water and consult a physician.

After contact with skin

Wash off with water and soap.

After Ingestion

Call a physician in case of indisposition.

5. Fire-fighting Measures

Suitable extinguishing media

none required

6. Accidental Release Measures

Precautionary measures related to people

High risk of slipping due to leakage/spillage of product.

Environmental protective measures

Prevent product from getting into drains/surface water/groundwater.

Methods of cleaning / adsorption

Larger quantities: Take up mechanically (by pumping). Smaller quantities and/or residues: Contain with absorbent material (e.g. sand, diatomaceous earth, acid absorbent, universal absorbent or sawdust). Dispose of in accordance with regulations.

7. Handling and Storage

Handling

Instructions on safe handling

No special measures necessary if used correctly.

Information on fire and explosion protection

No special measures required.

Storage

Requirements for storage areas and containers

Keep away from frost.

8. Exposure Controls/Personal Protection

Personal protective equipment

General protective measures

Avoid contact with eyes.

Hygiene measures

Follow the usual good standards of occupational hygiene. Store work clothing separately. Remove contaminated, soaked clothing. Use skin protective preparation as preventive skin protection.

Respiratory protection

not required on normal handling

Hand protection

neoprene gloves (0,6 mm), Breakthrough time approx. 480 min (EN 374)

General information

Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

Eye protection

tightly fitting goggles

9. Physical and Chemical Properties

Appearance

Form :	liquid
Colour :	colourless
Odour :	aromatic

Data relevant to safety

Changes in physical state

Solidification Point	approx. 0 °C
Initial Boiling Point	approx. 81 °C at 1.013 hPa (2-propanol)
Flash point	not applicable

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Ignition temperature	not applicable
Spontaneous ignition	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	approx. 23 hPa at 20 °C
Density	approx. 0,95 g/cm ³ at 20 °C
Relative vapour density (related to air)	< 1 at 20 °C
Solubility in water	miscible
pH-value	5 - 7 at 20 °C (as supplied)
Solids content	35 %
Further information	none

10. Stability and Reactivity

Thermal decomposition

No decomposition when used as directed.

Hazardous reactions

No hazardous reactions known.

Hazardous decomposition products

None when used as directed.

11. Toxicological Information

General information

Toxicological data are not available. Prolonged skin and eye contact with the product should be avoided.

12. Ecological Information

Information on elimination (persistence and degradability)

Biodegradability

The product is poorly biodegradable. In waste water treatment plants it is removed by adsorption and precipitation.

Ecotoxicological effect

Fish toxicity

LC50 Pimephales promelas, statis 1,2 mg/l
(analogy) source: literature

Daphnia toxicity

EC50 Daphnia magna, statis 2,3 mg/l
(analogy) source: literature

General information

Ecological data are not available
Do not allow to enter soil, waterways or waste water

13. Disposal considerations

Product

Waste is non-hazardous. It should be disposed of in accordance with the regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.

Uncleaned packaging

Contaminated packaging should be emptied optimally and after appropriate professional cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of professionally.

Uncontaminated packaging may be taken for recycling.

Code of waste EWC

08 01 12

wastes from manufacture, formulation, supply, use (MFSU) and removal of paint and varnish - waste paint and varnish other than those mentioned in 08 01 11

Always check the given waste codes according to the actual conditions of manufacturing, formulation or use in your facilities.

14. Transport Information

Further information

Not a dangerous good within the meaning of transportation regulations.

15. Regulatory Information

Labelling in accordance with directive 1999/45/EC

not applicable

Status of Registration

EINECS/ELINCS : listed

16. Other Information

Miscellaneous information

none

R-phrases of relevance from Section 2

11 Highly flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.

References

relevant manuals and publications
own examinations
own toxicological and ecotoxicological studies
toxicological and ecotoxicological studies of other manufacturers
SIAR
OECD-SIDS
RTK public files

Places marked by || have been amended from the last version.

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verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Date of printing : 01.02.2007