

Personal protection

Breathing protection

A breathing apparatus must be used, if a protection threshold is exceeded.

Hand protection

Use solvent resistant gloves according to EN 374.

Eye protection

Use protection goggles according to EN 166:2001.

Limitation and surveillance of environmental exposition

see sections 6 and 7.

9. Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Appearance

Appearance: White liquid

Smell: remarkable characteristic, solvent-like.

Safety related properties

Parameter	Value,Unit	Method	Remarks
Flash point	26,5°C	DIN 51755	
pH-value	5,5		
Begin of boiling	80°C		
Viscosity	5 mPa*s		
Density	0,9 kg/dm ³		

9.2 Other information

The corrosion properties against metals was not tested.

10. Stability and Reactivity

10.1 Reactivity

Reacts with strong oxidizers and strong reductants, with a risk of fire or explosion. Reacts with strong acids with a risk of fire or explosion. Reacts with e.g. acid anhydrides and alkaline metals, with a risk of fire or explosion.

10.2 Chemical stability

The product is in normal conditions (room temperature) chemically stable.

10.3 Possibility of hazardous reactions

If stored and used as recommended, no dangerous reactions are to expect.

10.4 Conditions to avoid

Raised temperatures facilitate the evaporation of organic components.

10.5 Incompatible materials

Plastics and rubber may be corroded.

10.6 Hazardous decomposition products

Contact with strong oxidisers, alkali metals or acids may generate combustible gas (hydrogen).

11. Toxicological information

11.1 Information on toxicological effects

There are no information about the toxicological effects of the product.

Acute Toxicity

1-ETHOXYPROPAN-2-OL; EG no. 216-374-5; CAS: 1569-02-4; Index no. 603-177-00-8

LD50 (oral, rat): 4400 mg/kg

LD50 (dermal, rabbit): 8100 mg/kg

LC50 (inhalative, rat): >42,6 mg/l/4h

ETHYLETHOXYPROPIONATE; EG no. 212-112-9; CAS: 763-69-9

LD50 (oral, rat): 5000 mg/kg

LD50 (dermal, rabbit): 9490 mg/kg

Irritation

1-ETHOXYPROPAN-2-OL; EG no. 216-374-5; CAS: 1569-02-4; Index no. 603-177-00-8

Causes serious eye irritation.

Corrosion

not applicable.

Sensitization

not applicable.

Toxicity (repeated application)

not applicable.

Carcinogenicity

not applicable.

Mutagenicity

not applicable.

Reproductive toxicity

not applicable.

12. Ecological informations

12.1. Toxicity

1-ETHOXYPROPAN-2-OL; EG no. 216-374-5; CAS: 1569-02-4; Index no. 603-177-00-8

EC10 (ISO10712, Pseudomonas putida, 16h): 10712 mg/l

EC50 (Daphnia magna, 48h): 180mg/l

LC0 (zebrafish, 96h): >200mg/l

LC50 (Daphnia magna, 96h) 21100 mg/l

NOEC (Daphnia magna, 21d): >180mg/l

NOEC (summer salmon, 21d): >200mg/l

ETHYLETHOXYPROPIONATE; EG no. 212-112-9; CAS: 763-69-9

EC50 (Daphnia magna, 48h): >95 mg/l

EC50 (Pseudokirchneriella subcapitata, 72h): >114 mg/l

LC50 (Pimephales promelas, 96h): 88 mg/l

12.2. Persistence and degradability

ETHYLETHOXYPROPIONATE; EG no. 212-112-9; CAS: 763-69-9

Degradability: (OECD 301B, 18d): 100%

12.3. Bioaccumulative potential

no data available

12.4. Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

no data available

12.6. Other adverse effects

no data available

13. Disposal considerations

13.1. Waste treatment methods

Do not dispose of chemicals down drain. For proper disposal, refer to local regulations.

14. Transport information

14.1. UN number

UN 1263

14.2. UN proper shipping name

ADR/RID:

Paint

IMDG code/ICAO / IATA-DGR

Paint

14.3. Transport hazard class(es)

ADR / RID / IMDG code / ICAO-TI / IATA-DGR

3 (flammable liquids)

14.4. Packing group

III

14.5. Environmental hazards

Marking as hazardous for the environment:
ADR / RID / IMDG code: no
ICAO-TI / IATA-DGR: no

14.6. Special precautions for user

see sections 6, 7, 8

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

The product is packed in suitable containers

15. Regulatory information

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

EU regulations

Regulation (EG) No. 1005/2009:
not applicable

Regulation (EG) No. 850/2004:
not applicable

Regulation (EG) No. 649/2012:
not applicable

Regulation (EG) No. 648/2004:
not applicable

15.2. Chemical safety assessment

A safety assessment for the product was not performed.

16. Other information

Changes compared to the previous version

section 2.2

Literature and data sources

REACH regulation (EG) no. 1907/2006

CLP regulation (EG) no. 1272/2008

List of abbreviations

List of hazard statements:

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

List of precautionary statements:

P210 Keep away from heat/ sparks/ open flames/ hot surfaces.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

16.1 Department issuing MSDS: [A. Rabuffo/MuchColours srl]

Issue: 0002

The information in Chapters 4 to 8 and 10 to 12 are partially based on the use and proper application (see article on use), but to liberation of major amounts in case of accidents and irregularities. The information contained in this safety information is based on the knowledge available at the time of creation. The delivery specifications are contained in the product data sheets. The description of the product is only in relation to health and safety

requirements. This document is not a guarantee of specific properties or specifications.(n.a. - not applicable, n.d. - not determined).

Changes to version 1: Adoption of the requirements of Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No. 1272/2008