

Safety Data Sheet

according to Regulation (EU) No. 1907/2006



Plastic Deep Cleaner

Print date : 19.02.2010

Page 1 of 6

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

Identification of the substance or preparation

Plastic Deep Cleaner

Use of the substance/preparation

Powerful cleaner to remove dirt, Special care product for plastic and rubber

Company/undertaking identification

Company name: einszett North America
MIMAN Corp.

Street: 16238 Ranch Rd 620 N, F224

Place: Austin, Texas 78717 USA

Telephone: +1 (512) 377 1336 Fax: +1 (512) 354 7458

e-mail: support@1z-usa.com

Contact person: Michael Mankarious

Internet: www.1z-usa.com

Emergency telephone: +49 171 9939555 (Germany)

Further Information

General chemicals, as they are used in many ways in the chemical industry..

2. Hazards identification

Explication of special hazards for human health and environment

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Preparation on the basis of anionic and nonionic surfactants, alkaline substances, complexing agents, colourants and scent extracts

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
200-661-7	67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	1 - 5 %	F, Xi R11-36-67
203-905-0	111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	1 - 5 %	Xn, Xi R20/21/22-36/38
		Fatty alcohol C10 ethoxylated	1 - 5 %	Xn, Xi R22-41
237-574-9	13845-36-8	Pentapotassium triphosphate	1 - 5 %	Xi R36/38
203-473-3	107-21-1	ethanediol, ethylene glycol	1 - 5 %	Xn R22
222-899-0	3655-00-3	Disodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate	1 - 5 %	Xi R36

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

in case of allergic symptoms especially in the breathing area, seek medical advice immediately.

After inhalation

Provide fresh air.



Plastic Deep Cleaner

Print date : 19.02.2010

Page 2 of 6

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth thoroughly with water.

5. Fire-fighting measures

Suitable extinguishing mediaFoam. Extinguishing powder. Carbon dioxide (CO₂). Atomized water.
Use water spray/stream to protect personnel and to cool endangered containers.**Extinguishing media which must not be used for safety reasons**

No data available

Special protective equipment for fire-fighters

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

6. Accidental release measures

Personal precautions

Wear personal protection equipment.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Treat the assimilated material according to the section on waste disposal.

Additional information

Suitable material for diluting or neutralizing: Water.

7. Handling and storage

Handling**Advice on safe handling**

Avoid contact with eyes.

Advice on protection against fire and explosion

not Explosive.

Further information on handling

When diluting, always get the water first and then add the product.

Storage**Requirements for storage rooms and vessels**

Store only in original container.

Advice on storage compatibility

Materials to avoid: Oxidizing agents.

Further information on storage conditions

Protect against: heat.

Storageclass (VCI):

12

8. Exposure controls/personal protection

Safety Data Sheet

according to Regulation (EU) No. 1907/2006



Plastic Deep Cleaner

Print date : 19.02.2010

Page 3 of 6

Exposure limit values**Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL
107-21-1	Ethane-1,2-diol, vapour	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

Exposure controls**Occupational exposure controls**

Refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Wash hands before breaks and at the end of work.

Respiratory protection

Respiratory protection required in case of: aerosol or mist generation.

Hand protection

Protect skin by using skin protective cream.

Eye protection

Suitable eye protection: Framed glasses.

Skin protection

Skin protection: not required.

Environmental exposure controls

Refer to chapter 7. No further action is necessary.

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

Physical state: liquid
 Colour: light yellow
 Odour: fruity

Important health, safety and environmental information

pH-Value (at 20 °C):

Test method
 11 DIN 19268

Changes in the physical state

Safety Data Sheet



according to Regulation (EU) No. 1907/2006

Plastic Deep Cleaner

Print date : 19.02.2010

Page 4 of 6

Melting point:	ca. - 4 °C
Boiling point:	100 °C DIN 53171
Flash point:	> 65 °C DIN 51755

Explosive properties

not Explosive.
Information refers to the solvent.

Lower explosion limits:	3,5 vol. % DIN 51649
Upper explosion limits:	15 vol. % DIN 51649

Oxidizing properties

not oxidizing.

Vapour pressure: (at 20 °C)	ca. 45 hPa
Density (at 20 °C):	1,013 g/cm ³ DIN 51757
Water solubility: (at 20 °C)	1000 g/L
Partition coefficient:	Undetermined.
Flow time:	> 30 s (3 mm) 3 DIN EN ISO 2431
Vapour density:	Undetermined.

Other information

Product is not selfigniting.

10. Stability and reactivity

Conditions to avoid

heat.

Materials to avoid

Oxidizing agents, strong.

Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological information

Acute toxicity

Acute toxicity, oral LD50: > 2000 mg/kg species: Rat.
Acute toxicity, dermal LD50: > 2000 mg/kg species: Rat.

Corrosive and irritant effects

Irritant effect on the eye: mild irritant.	Practical experience.
Irritant effect on the skin: Not an irritant.	Practical experience.

Sensitising effects

Sensitization After skin contact: no danger of sensitization.

12. Ecological information

Ecotoxicity

Acute fish toxicity LC50: 1-10 mg/L (96 h) species: Leuciscus idus Method:OECD 203 Alkohol, ethoxyliert
Acute Daphnia toxicity EC50: 1-10 mg/L (48 h) species: Daphnia magna Method: OECD 202 Alkohol, ethoxyliert
Algae toxicity IC50: 10-100 g/cm³ (72 h) species: Scenedesmus subspicatus Method: OECD 201 Alkohol, ethoxyliert



according to Regulation (EU) No. 1907/2006

Plastic Deep Cleaner

Print date : 19.02.2010

Page 5 of 6

Persistence and degradability

Biological degradation: > 60 % (28 d) Easily biodegradable (concerning to the criteria of the OECD) Degree of elimination: > 95% Method: OECD 301E/ EWG 92/69, annex V, C.4-B

Biologically degradable according to the criteria laid out in the Washing and Cleansing Agents Act. The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

Bioaccumulative potential

No indication of bio-accumulation potential.

Other adverse effects

AOX: The product contains no organically bound Halogen.

Further information

Effects in sewage plants:

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

13. Disposal considerations

Advice on disposal

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Contaminated packaging

Water.

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

14. Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

Labelling

Hazardous component(s) to be indicated on label

BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE
LIMONENE
LINALOOL
GERANIOL

S phrases

02 Keep out of the reach of children.
46 If swallowed, seek medical advice immediately and show this container or label.

Additional advice on labelling

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

EU regulatory information

1999/13/EC (VOC):

VOC-value (in g/l): 100

Volatile organic compounds (VOC) in percentage by weight: 10

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Plastic Deep Cleaner

Print date : 19.02.2010

Page 6 of 6

Additional information

Sources of the most important data: 2001/118/EG, 1999/45/EG, 91/155/EWG, 67/548/EWG, GefStoffV, WRMG, WHG, TRG 300, TRGS 200, TRGS 220, ADR 2007, IMDG-Code

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

- | | |
|----------|---|
| 11 | Highly flammable. |
| 20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| 22 | Harmful if swallowed. |
| 36 | Irritating to eyes. |
| 36/38 | Irritating to eyes and skin. |
| 41 | Risk of serious damage to eyes. |
| 67 | Vapours may cause drowsiness and dizziness. |

Further Information

Moreover, national legislation has to be observed!

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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