



## Anti-Insekt Bug & Tar Remover

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

#### Identification of the substance or preparation

Anti-Insekt Bug &amp; Tar Remover - Art. 913912

#### Use of the substance/preparation

Bug and tar remover

#### 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 ( preparation )

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

#### Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
203-473-3	107-21-1	ethanediol, ethylene glycol	15 - 20 %	Xn R22

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

Further Information

contains: BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE

### 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.

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.



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### 5. Fire-fighting measures

Suitable extinguishing media

Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). 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: heating.

Storage class (VCI) :

12

### 8. Exposure controls/personal protection

#### Exposure limit values

#### Exposure limits (EH40)

CAS No.	Substance	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
107-21-1	Ethane-1,2-diol, vapor	20	52		TWA (8 h)	WEL
		40	104		STEL (15 min)	WEL

Additional advice on control parameters

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

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### Exposure controls



#### Occupational exposure controls

See chapter 7. No further action is necessary.

#### Protective and hygiene measures

"Wash hands when done working with material; at breaks, lunch, shift changes, etc."

#### Respiratory protection

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

#### Hand protection

Protect skin by using skin protective cream.

Hand protection: Butyl rubber.  $\geq 480$  min,  $\geq 7$  mm

#### Eye protection

Suitable eye protection: Framed glasses.

#### Skin protection

Body protection: not required.

#### Environmental exposure controls

See chapter 7. No further action is necessary.

## 9. Physical and chemical properties

### General information

Physical state :	liquid
Color :	green
Odor :	characteristic

### Important health, safety and environmental information

	Test method
pH-Value (at 20 °C) :	9,5 (100 g/L) DIN 19268
Changes in the physical state	
Melting point :	- 8 °C
Boiling point :	100 °C DIN 53171
Flash point :	> 100 °C DIN 51755
Explosive properties	
not Explosive.	
Oxidizing properties	
not oxidizing.	
Vapor pressure :	23 hPa
(at 20 °C)	
Density (at 20 °C) :	1,02 g/cm <sup>3</sup> DIN 51757
Water solubility :	1000 g/L
(at 20 °C)	
Partition coefficient :	Undetermined.
Flow time :	> 30 s (3 mm) 3 DIN EN ISO 2431
Vapor density :	Undetermined.

### Other information

Product is not self igniting.



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### 10. Stability and reactivity

Conditions to avoid  
heating.

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

Sensitizing effects

Sensitization after skin contact: no danger of sensitization.

### 12. Ecological information

Eco toxicity

Acute fish toxicity LC50: > 310 mg/L species: *Oncorhynchus mykiss* method: OECD 203 C8-C10  
Alkylpolyglucosid  
Acute Daphnia toxicity LC50: > 100 mg/L species: *Daphnia magna* method: OECD 202 C8-C10  
Alkylpolyglucosid  
Algae toxicity EC50: > 100 mg/L species: *Selenastrum capricornutum* method: OECD 201 C8-C10  
Alkylpolyglucosid

Persistence and degradability

Biological degradation:  
degree of elimination: > 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.

Bio accumulative potential

No indication of bio-accumulation potential.

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

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

## Safety Data Sheet

according to EC No. 1907/2006



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Contaminated packaging

Water.

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

## 14. Transport information

Further Information

Not a hazardous material with respect to these transportation regulations.

## 15. Regulatory information

Labeling

S phrases

- |    |   |
|----|---|
| 02 | Keep out of the reach of children.  |
| 23 | Do not breathe Aerosol.   |
| 46 | If swallowed, seek medical advice immediately and show this container or label. |

Additional advice on labeling

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

EU regulatory information

1999/13/EC (VOC) : ca. 15 % = 150 - 160 g/L

National regulatory information

Employment restrictions :	Observe employment restrictions for young people.
Water contaminating class :	1 - slightly water contaminating

## 16. Other information

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

- |    |                       |
|----|-----------------------|
| 22 | Harmful if swallowed. |
|----|-----------------------|

Other data

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 solely responsible for adhering to existing laws and regulations.