

# Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

Date of printing: 25.05.2009

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SDS No.: 001-00010000.0000

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

Product

Product name

**Poxidur Comp. B**

Manufacturer/supplier information

Manufacturer/supplier:

GILAR LTD

Street/postbox:

Hamatechet St. Industrial Area

Town/City and Post Code:

Kadima

Country:

Israel

Phone:

+97298994000

Telefax:

+97298994003

General information:

Environment and Safety

Emergency information phone:

+972 (0) 98 99 40 07

## 2. Composition/information on ingredients

Chemical characterization

Filled and Modified epoxi-resin

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

• 3,6-diazaoctanethylenediamin

112-24-3 50 - 100%

C 21,34,43,52/53

• Quartz sand, 10 - 50 %

## 3. Hazards identification

Hazards identification

C Corrosive

Information on hazards to man and to the environment

21 Harmful in contact with skin.

34 Causes burns.

43 May cause sensitization by skin contact.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **4. First-aid measures**

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with soap and water

Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

Summon a doctor immediately.

After ingestion

Do not induce vomiting.

Summon a doctor immediately.

#### **5. Fire-fighting measures**

Suitable extinguishing media

compatible with all usual extinguishing media

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbondioxide (CO<sub>2</sub>)

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

Additional information

Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

#### **6. Accidental release measures**

Personal precautions

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

Do not allow to enter drains or waterways

In case of entry into waterways, soil or drains, inform the responsible authorities.

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## 6. Accidental release measures (continued)

### Procedures for cleaning up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

When picked up, treat material as prescribed under heading "Disposal".

## 7. Handling and storage

### Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection

Not applicable.

### Storage

Requirements for storage rooms and containers

Keep container tightly closed and dry in a cool, well-ventilated place

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

Protect from frost.

Protect from heat and direct sunlight

Protect from atmospheric moisture and water

## \* 8. Exposure controls/personal protection

### Personal protective equipment

General protective and hygiene measures

Take care for sufficient ventilation or exhaust on the workshop place.

Avoid contact with eyes and skin

Use barrier skin cream.

Remove soiled or soaked clothing immediately.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Respiratory protection

Not applicable.

Hand protection

Butyl rubber/nitrile rubber gloves

Eye protection

Tightly fitting safety glasses

Face Shield

Body protection

Working clothes

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### \* 9. Physical and chemical properties

#### Appearance

Physical state: Liquid - pasty  
Colour: Yellow - beige, depending on colorization  
Odour: Slightly perceptible, ammonia like

#### Data relevant to safety Method

Melting point	-35 °C
Boiling point	277 °C
Flash point	122 °C Pensky Martens
Auto-ignition temperature	335 °C
Vapour pressure at 20°C	< 0.01 hPa
Density at 20°C	0.981 g/cm <sup>3</sup>
Solubility in water	Miscible at 20°C
PH value at 20°C	12(10g/100ml water)
Viscosity at 20°C	30 mPas

### 10. Stability and reactivity

#### Conditions to avoid

Not any known.

#### Materials to avoid/dangerous reactions

None known.

#### Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

### 11. Toxicological information

#### Sensitization

Sensitization/allergic reaction possible.

Allergic reaction may be observed in sensitive persons, even on very low concentrations.

#### Experience on humans

When skin contact:

Causes burns.

When eyes contact:

Causes burns

When inhalation:

Harmful effect

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11. Toxicological information (continued)

When swallowed:

Causes burns.

**12. Ecological information**

Additional information

Product is water polluting.

Do not allow to enter waste water drain, waterways or soil.

**13. Disposal considerations**

Product

Recommendations

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

See chapter 15, national regulations.

Packaging

Recommendations

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste

**\* 14. Transport information**

ADR/RID

UN No.: 2259 Class: 8 Cipher: 53b) Packing group: II Proper shipping name  
Triethylenetetramine Label No.: 8

IMO/IMDG

UN No.: 2259 Class: 8 Packing group: II  
EmS: 8-05

Proper shipping name

Triethylenetetramine

Label No.: 8

IATA/ICAO

UN No.: 2259 Class: 8 Packing group: II

Proper shipping name

Triethylenetetramine

Label No.: 8

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### 15. Regulatory information

Labelling according to EEC Directive

The product is classified and labelled in accordance with EC directives/the relevant national laws. Relevant hazardous ingredients for labelling

Contains: 3,6-diazaoctanethylenediamin

Danger symbols

C Corrosive

R phrases

21 Harmful in contact with skin.

34 Causes burns.

43 May cause sensitization by skin contact.

52/53 Harmful to aquatic organisms, may cause long-term

adverse effects in the aquatic environment.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

National regulations

DISPOSE AS SPECIAL WASTE: PAINT HAVING AN ORGANIC PHASE  
(BASIS AMINE).

### 16. Other information

asterisk (\*) on left margin marks modification of previous version

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.