

## Material Safety Data Sheet

Version: 1.13

Revision Date : 01/24/2013  
Date Issued : 03/11/2013

### TEGO GLIDE B 1484

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : TEGO GLIDE B 1484  
PRODUCT CODE : 200048  
CHEMICAL FAMILY : polyether-modified polysiloxane

Information on manufacturer/supplier : Evonik Industries AG  
Werk Tego  
Goldschmidtstr. 100  
Essen, 05 45127

Emergency telephone number (24h) : Telephone:  
CHEMTREC (800) 424-9300  
CANUTEC (613) 996-6666  
Non-Emergency Phone Number: (800) 732-5616

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Concentration [%]
Morpholine, 4-methyl-	109-02-4	< 0.2

#### 3. HAZARDS IDENTIFICATION

##### Emergency Overview

##### **Physical Appearance**

Form : Liquid  
Colour : yellow  
Odour : amine-like  
Water solubility : miscible  
  
pH : 6

##### **Potential health effects**

Eyes : May produce oil film causing brief reversible dimness of sight.

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Skin : No harmful effects have been reported upon contact with skin.  
Ingestion : No harmful effects have been reported upon ingestion.  
Inhalation : No harmful effects have been reported upon inhalation.  
Primary routes of entry : Eyes  
Target organs : Eyes  
Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

#### **4. FIRST AID MEASURES**

Eyes : Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. Show this data sheet.  
Skin : Immediately and thoroughly, wash off with soap and water.  
Ingestion : If swallowed, seek medical attention and show MSDS.  
Inhalation : Remove individual from site of exposure to fresh air.

#### **5. FIRE-FIGHTING MEASURES**

Flash point : > 213 °F  
Autoignition temperature : not measured  
Upper Explosion limits : not measured  
Lower explosion limit : not measured  
Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.  
Extinguishing media which must not be used for safety reasons : not applicable  
Products in case of fire : In the event of fire the following can be released:  
- carbon dioxide, carbon monoxide  
- Silicon dioxide

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- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.
- Hazardous decomposition products : None with proper storage and handling.
- OSHA flammable class : Combustible Liquid, Class IIIB

## 6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :  
Control spill with adsorbant pads or booms, if necessary.  
Apply granular or loose sorbent to spill. When adsorbed, sweep or otherwise collect and dispose of properly.

Release Notes :

US regulations require reporting spills of this material that could reach any surface waters

In case of accident or road spill notify :

Telephone:

CHEMTREC USA	(800) 424-9300
CANUTEC Canada	(613) 996-6666
CHEMTREC (other countries)	(International code)+1-202-483-7616

## 7. HANDLING AND STORAGE

### General Procedures Handling

- Advice on protection against fire and explosion : Cool endangered containers by water spray

### Storage

- Further information : Keep container tightly closed

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment

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- Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.
- Respiratory protection : Respiratory protection is not required.
- Hand protection : Examples of suitable gloves are those made by the company Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, e-mail [vertrieb@kcl.de](mailto:vertrieb@kcl.de), with subsequent specification (test according to EN374); specific workplace conditions must be separately taken into account. These recommendations apply only to the product mentioned in the material data safety sheet that we supply and the purpose that we indicate.
- Eye protection : Use chemical resistant goggles.
- Protective clothing : light protective clothing
- Engineering controls : Good general (mechanical) ventilation should be sufficient to control airborne levels.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Colour : yellow
- Odour : amine-like
- State of aggregation : Liquid
- Melting temperature : not applicable
- Boiling temperature : not measured
- Vapour pressure : not measured
- Density : 0.98 - 1 g/cm<sup>3</sup>  
at 68.00 °F
- Weight per volume : 8.33 Lb/Gal
- Water solubility : miscible
- pH : 6  
at 40 g/l water  
at 20 °C

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Viscosity, kinematic : 350 - 550 mm<sup>2</sup>/s  
Volatile organic compound : 14.85 g/l  
0.12 Lb/Gal  
percent non-volatile: 98.5 %

#### **10. STABILITY AND REACTIVITY**

Conditions to avoid : None with proper storing and handling.  
Thermal decomposition : Not measured  
Hazardous reactions : No hazardous reactions with proper storage and handling.  
Hazardous polymerisation : No  
Stability : Yes  
Hazardous decomposition products : None with proper storage and handling.

#### **11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity : LD50 Species: rat  
Dose: > 2,000 mg/kg  
Method: OECD 423  
Note : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.  
Eye contact may produce an oil film over the eye-ball causing a harmless reversible shortlasting dimness of sight.

#### **12. ECOLOGICAL INFORMATION**

##### **Elimination information (persistence and degradability)**

Biological degradability : 97 %  
Testing period: 28 d  
well elimination  
Method: OECD 302 B

##### **Ecotoxicity effects**

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Toxicity to daphnia : EC50 Species: Daphnia magna  
Dose: > 100 mg/l  
Exposure time: 48 h  
Method: OECD 202

#### **Further ecological information**

Ecological notes : Do not allow to enter soil, waterways or waste water canal.

### **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state, and federal regulations.

Product disposal and disposal requirements : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

### **14. TRANSPORT INFORMATION**

#### **Sea transport**

**IMDG:**

Not regulated

#### **Air transport**

**ICAO/IATA:**

Not regulated

#### **DOT (Department of Transportation)**

**CFR Road:**

Not regulated

**CFR Rail:**

Not regulated

#### **CANADA Transport of Dangerous goods**

**TDG Road:**

Not regulated

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**TDG Rail:**  
Not regulated

## 15. REGULATORY INFORMATION

### United States

SARA Section 311/312 : Fire: No  
Pressure generating: No  
Reactivity: No  
Acute: No  
Chronic: No

SARA Sections : SECTION 313  
Notification : No  
This product contains no SARA Title III, Section 313 listed chemicals.

Notification Status : TSCA  
Notification : Yes  
All intentional ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.

State regulations : MASS. RIGHT TO KNOW  
Notification : Yes

NEW JERSEY RTK  
Notification : Yes

PENNSYLVANIA RTK  
Notification : Yes

California Proposition 65 Statement : Notification : No  
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

CERCLA : CAS 109-02-4 :

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Canada : WHMIS CLASSIFICATION  
Non-WHMIS

This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

Components	CAS-No.
Morpholine, 4-methyl-	109-02-4

Notification Status : Canadian Environmental Protection Act  
DSL  
Notification : Yes  
All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

## 16. OTHER INFORMATION

HMIS Codes : Fire : 1  
Health : 1  
Physical Hazard : 0  
Protection : X

Manufacturer disclaimer : While the information and recommendations contained herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

**END OF MSDS**