

## Material Safety Data Sheet

Version: 1.14

Revision Date : 05/02/2011  
Date Issued : 08/22/2013

### TEGO GLIDE 450

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

Trade name : TEGO GLIDE 450  
 PRODUCT CODE : 200967  
 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 [%]
Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, ethers with polyethylene-polypropylene glycol mono-Me ether	157479-55-5	84
Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl-	556-67-2	< 1
Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-	541-02-6	< 1

#### 3. HAZARDS IDENTIFICATION

##### Emergency Overview

##### **Physical Appearance**

Form : Liquid  
 Colour : yellow, clear  
 Odour : slight, typical  
 Water solubility : soluble

pH : 4.8

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#### **Potential health effects**

- Eyes : May produce oil film causing brief reversible dimness of sight.
- Skin : No harmful effects have been reported upon contact with skin.
- Ingestion : No harmful effects known.
- 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 : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
- 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.
- General advice : Remove soiled or soaked clothing immediately

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

- Flash point : 194 °F
- Autoignition temperature : not measured
- Upper Explosion limits : not measured
- Lower explosion limit : not measured

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- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : Full water jet
- Products in case of fire : In the event of fire the following can be released:  
- carbon dioxide, carbon monoxide  
- Silicon dioxide
- 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 IIIA

## 6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :  
Use personal protective equipment. Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder).

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

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## 7. HANDLING AND STORAGE

### General Procedures Handling

Advice on safe handling : No special measures necessary if used correctly.

Advice on protection  
against fire and explosion : No special measures required.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal protective equipment

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 : PVC gloves

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, clear  
Odour : slight, typical  
State of aggregation : Liquid

Melting temperature : not measured

Boiling temperature : not measured

Vapour pressure : not measured

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Density	:	1.01 - 1.04 g/cm <sup>3</sup> at 77.00 °F Method: DIN 51757
Weight per volume	:	8.41 Lb/Gal
Water solubility	:	soluble
pH	:	4.8 at 40 g/l water at 20 °C
Viscosity, dynamic	:	150 - 400 mPa.s at 25 °C Method: DIN 53019
Volatile organic compound	:	20.6 g/l 0.17 Lb/Gal percentage volatile: 2.1 % percent non-volatile: 97.9 % The Volatile Volume is measured in percent volume by weight.

## 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

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.
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## 12. ECOLOGICAL INFORMATION

### 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 < 119 gallons

#### CFR Rail:

Not regulated < 119 gallons

### CANADA Transport of Dangerous goods

#### TDG Road:

Not regulated

#### TDG Rail:

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Not regulated

## 15. REGULATORY INFORMATION

### United States

- SARA Section 311/312 : Fire: Yes  
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.
- 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.

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Canada : WHMIS CLASSIFICATION  
Class B, Division 3, Combustible Liquid

This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

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 : 2  
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**