

Material Safety Data Sheet

Version: 1.14

Revision Date : 10/11/2010
Date Issued : 08/22/2013

TEGO GLIDE 100

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

Trade name : TEGO GLIDE 100
 PRODUCT CODE : 200970
 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 [%]
Benzene, methyl-	108-88-3	< 0.01
1,2-propanediol	57-55-6	< 2
Siloxanes and Silicones, di-Me, polymers with Me silsesquioxanes and polyethylene-polypropylene glycol mono-Bu ether	68554-65-4	> 75

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

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

 pH : 9.5 - 10.5

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Potential health effects

- Immediate concerns : No particular hazards are known.
- 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 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 : > 149 °F
Method: TAG CC
- 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 : not applicable
- 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 :
Take up with absorbent material (Sand, Universal Binder). Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

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 : No special measures required.

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Storage

Further information : Keep container tightly closed

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA hazardous components (29 CFR 1910.1200)

Components	CAS-No.	Base	Type	Value	Note
Benzene, methyl-	108-88-3	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	20 ppm	
Benzene, methyl-	108-88-3	US. ACGIH Threshold Limit Values	Skin designation:		Can be absorbed through the skin.
1,2-propanediol	57-55-6	US. Workplace Environmental Exposure Level (WEEL) Guides	Time Weighted Average (TWA):	10 mg/m ³	
Benzene, methyl-	108-88-3	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	100 ppm 375 mg/m ³	
Benzene, methyl-	108-88-3	US. NIOSH: Pocket Guide to Chemical Hazards	Short Term Exposure Limit (STEL):	150 ppm 560 mg/m ³	
Benzene, methyl-	108-88-3	US. OSHA Table Z-2 (29 CFR 1910.1000)	Time Weighted Average (TWA):	200 ppm	
Benzene, methyl-	108-88-3	US. OSHA Table Z-2 (29 CFR 1910.1000)	Ceiling Limit Value:	300 ppm	
Benzene, methyl-	108-88-3	US. OSHA Table Z-2 (29 CFR 1910.1000)	Maximum concentration:	500 ppm	

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. No other precautions required.
- Respiratory protection : Respiratory protection is not required.
- Eye protection : Safety goggles with tight fitting side pieces recommended.
- 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 : yellowish, clear
- Odour : slight, typical
- State of aggregation : Liquid
- Melting temperature : not measured
- Boiling temperature : not measured
- Vapour pressure : not measured
- Density : 1.02 - 1.04 g/cm³
at 68.00 °F
- Weight per volume : 8.58 Lb/Gal
- Water solubility : soluble
- pH : 9.5 - 10.5
at 40 g/l water
at 20 °C
- Viscosity, dynamic : 900 - 1,300 mPa.s
at 25 °C
- Evaporation rate : Unavailable
- Volatile organic compound : 12.05 g/l
0.10 Lb/Gal
percent non-volatile: 98.43 %

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10. STABILITY AND REACTIVITY

- Conditions to avoid : None
- 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.

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.

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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:

Not regulated

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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 : Yes

Components	CAS-No.
Benzene, methyl-	108-88-3

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

RHODE ISLAND RTK
Notification : Yes

NEW JERSEY RTK
Notification : Yes

PENNSYLVANIA RTK
Notification : Yes

California Proposition 65 Statement : Notification : Yes
This product contains a chemical known to the state of California to cause cancer, birth defects, or other reproductive effects.

Components	CAS-No.
Benzene, methyl-	108-88-3

CERCLA : CAS 108-88-3 : 100 lb

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

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

Components	CAS-No.
1,2-propanediol	57-55-6
Benzene, methyl-	108-88-3

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