

Material Safety Data Sheet

Version: 2.1

Revision Date : 05/16/2013
Date Issued : 08/22/2013

TEGO GLIDE 410

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

Trade name : TEGO GLIDE 410
 PRODUCT CODE : 200097
 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 [%]
2-Propanol, 1,1',1"-nitrilotris-	122-20-3	< 0.1
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	5 - 10
Siloxanes and Silicones, di-Me, 3-hydroxypropyl Me, 3-hydroxypropyl group-terminated, ethoxylated propoxylated	128192-17-6	> 50

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

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

pH : 5.5 - 7.5

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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 : 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 : Ensure supply of fresh air.

Notes to physician

- Symptoms : Up to now no symptoms are known.
- Treatment : Treat symptomatically.
- General advice : Remove soiled or soaked clothing immediately

5. FIRE-FIGHTING MEASURES

- Flash point : 183 °F
Method: TAG CC
- Ignition temperature : not measured

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- 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 : 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 : Provide good ventilation of working area (local exhaust ventilation if necessary).
- Advice on protection against fire and explosion : Cool endangered containers by water spray
Keep away from sources of ignition - no smoking
Take precautionary measures against electrostatic loading.

Storage

- Further information : Keep container closed.

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 : 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, 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 or safety glasses with side shields.
- Protective clothing : Light protective clothing is required.

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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 : 1.004 g/cm³
Weight per volume : 8.33 Lb/Gal
Water solubility : soluble
pH : 5.5 - 7.5
at 40 g/l water
at 20 °C
Viscosity, dynamic : 1,200 - 2,500 mPa.s
at 25 °C
Evaporation rate : not measured
Volatile organic compound : 84.17 g/l
0.70 Lb/Gal
percentage volatile: 8.47 %
Percent Water:0.085 %
percent non-volatile: 91.53 %

10. STABILITY AND REACTIVITY

Conditions to avoid : None

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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.

14. TRANSPORT INFORMATION

Sea transport

IMDG:
Not regulated

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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.
Ethanol, 2-(2-butoxyethoxy)-	112-34-5

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 : 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

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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.
2-Propanol, 1,1',1"-nitrilotris-	122-20-3
Ethanol, 2-(2-butoxyethoxy)-	112-34-5

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