

Material Safety Data Sheet

Version: 3.1

Revision Date : 08/19/2013
Date Issued : 08/22/2013

TEGO FOAMEX 825

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

Trade name : TEGO FOAMEX 825
 PRODUCT CODE : 205922
 CHEMICAL FAMILY : emulsion of organo-modified polysiloxanes

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 [%]
Poly(oxy-1,2-ethanediyl), a-octadecyl-w-hydroxy-	9005-00-9	1 - 5
Ethanol, 2-amino-	141-43-5	< 0.1
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0	< 0.0001
Cyclohexane	110-82-7	< 0.0001
Ethanol	64-17-5	< 0.0001

3. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance

Form : Liquid
 Colour : white
 Odour : slight, typical
 Water solubility : miscible

pH : 6 - 9

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Potential health effects

- Immediate concerns : No particular hazards known.
- Eyes : May produce oil film causing brief reversible dimness of sight.
- Skin : No harmful effects are expected to occur upon contact.
- 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 : In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- Skin : In case of contact with skin wash off with soap and water. Consult a doctor if skin irritation persists.
- Ingestion : Thoroughly clean the mouth with water
In the event of symptoms seek medical advice.
- Inhalation : Ensure supply of fresh air.
- General advice : Remove soiled or soaked clothing immediately

5. FIRE-FIGHTING MEASURES

- Flash point : not applicable
- Autoignition temperature : not applicable
- Upper Explosion limits : not applicable
- Lower explosion limit : not applicable

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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 monoxide, carbon dioxide, silicon dioxide
- Special protective equipment for fire-fighters : Do not inhale explosion and/or combustion gases
Use self-contained breathing apparatus
- Hazardous decomposition products : None with proper storage and handling.

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up / taking up : Small spills :
Take up with absorbent material (Sand, Universal Binder).
Take up absorbent material. When absorbed, 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 safe handling : No special measures necessary if used correctly.
- Advice on protection against fire and explosion : No special measures required.

Storage

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Further information : sensitive to frost
Stir before use!

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA hazardous components (29 CFR 1910.1200)

Components	CAS-No.	Base	Type	Value	Note
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	2 mg/m3	
Cyclohexane	110-82-7	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	100 ppm	
Ethanol	64-17-5	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	1,000 ppm	
Ethanol	64-17-5	US. ACGIH Threshold Limit Values	Short Term Exposure Limit (STEL):	1,000 ppm	
Ethanol, 2-amino-	141-43-5	US. ACGIH Threshold Limit Values	Time Weighted Average (TWA):	3 ppm	
Ethanol, 2-amino-	141-43-5	US. ACGIH Threshold Limit Values	Short Term Exposure Limit (STEL):	6 ppm	
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	10 mg/m3	
Cyclohexane	110-82-7	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	300 ppm 1,050 mg/m3	
Ethanol	64-17-5	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	1,000 ppm 1,900 mg/m3	
Ethanol, 2-amino-	141-43-5	US. NIOSH: Pocket Guide to Chemical Hazards	Recommended exposure limit (REL):	3 ppm 8 mg/m3	
Ethanol, 2-amino-	141-43-5	US. NIOSH: Pocket Guide to Chemical Hazards	Short Term Exposure Limit	6 ppm	

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		Hazards	(STEL):	15 mg/m3	
Cyclohexane	110-82-7	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	300 ppm 1,050 mg/m3	
Ethanol	64-17-5	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	1,000 ppm 1,900 mg/m3	
Ethanol, 2-amino-	141-43-5	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	PEL:	3 ppm 6 mg/m3	

Personal protective equipment

- General protective measures : Do not inhale gases/vapours/aerosols.
Avoid contact with eyes and skin
- Hygiene measures : Wash hands before breaks and after work.
Do not eat, drink or smoke when working.
Remove soiled or soaked clothing immediately.
- Respiratory protection : in case of formation of vapours/aerosols:
Short term: filter apparatus, Filter A-P2
- Hand protection : PVC gloves
- Eye protection : goggles with side pieces
- Protective clothing : protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Colour : white
- Odour : slight, typical
- State of aggregation : Liquid
- Melting point : approx. 32.00 °F
- Boiling temperature : approx. 212.00 °F

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Vapour pressure	:	not measured
Density	:	approx. 1 g/cm ³ at 77.00 °F Method: DIN 51757
Water solubility	:	miscible
pH	:	6 - 9 at 100 g/l at 25 °C
Viscosity, dynamic	:	220 - 620 mPa.s at 25 °C Method: DIN 53019
Volatile organic compound	:	28.3 g/l 0.24 Lb/Gal percentage volatile: 2.83 % Percent Water:72.7 % percent non-volatile: 26.7 %

10. STABILITY AND REACTIVITY

Thermal decomposition	:	not measured
Hazardous reactions	:	No hazardous reactions with proper storage and handling.
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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REGULATION (EC) No. 1272/2008
Causes serious eye irritation.

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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

CFR Rail:

Not regulated

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: No
Pressure generating: No
Reactivity: No
Acute: No
Chronic: No

SARA Sections : SECTION 313
Notification : Yes

Components	CAS-No.
Cyclohexane	110-82-7

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 : 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 110-82-7 :
CERCLA : CAS 64-17-5 :

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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.
Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	128-37-0
Cyclohexane	110-82-7
Ethanol	64-17-5
Ethanol, 2-amino-	141-43-5

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 : 0
Health : 1
Physical Hazard : 0
Protection : X

Other information :

Comply with national laws regulating employee instruction.

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