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EUNICE, LA 70535
866-457-0064 or 337-457-0064

SAFETY DATA SHEET

DEFOAMER G

Version 1.0
Revision date 10/21/2015

1. - IDENTIFICATION

Identification

Product name Defoamer G

Additional identification

Chemical name: Polyglycol

Recommended use and restriction on use

Recommended use: Not determined.

Restrictions on use: Not determined.

Details of the Distributor information

Company name Delta Drilling Products & Services, LLC
Address 154 Eastpark Drive
Eunice, LA 70535
Telephone (866) 457-0064 or (337) 457-0064
E-mail deltaproducts@bellsouth.net

Emergency Telephone Number

FOR TRANSPORT EMERGENCY CALL CHEMTREC (+1) 7035273887

2. HAZARD(S) IDENTIFICATION

Hazard Classification

Unknown toxicity

Acute toxicity, oral	0.0%
Acute toxicity, dermal	0.0%
Acute Toxicity, inhalation, vapor	100.0%
Acute Toxicity, inhalation, dust or mist	100.0%

Label elements

Hazard Symbol: No symbol

Signal Word No signal word.

Hazard Statement:

Precautionary Statement:

Prevention: Avoid release to the environment.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification: None identified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Percent by Weight
Diethyltoluenediamine	68479-98-1	0.5 – 1%

4. FIRST-AID MEASURES

Ingestion:	Rinse mouth. Get medical attention if symptoms occur.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed.
Skin Contact:	Take off contaminated clothing and wash before re-use. Wash with soap and water. If skin irritation occurs, get medical attention.
Eye contact:	Flush thoroughly with water. If irritation occurs, get medical assistance. Remove contact lenses, if present and easy to do. Continue rinsing.
Most important symptoms/effects, acute and delayed	
Symptoms:	See section 11.
Indication of immediate medical attention and special treatment needed	
Treatment	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

General Fire Hazards:	No unusual fire or explosion hazards noted.
Suitable (and unsuitable) extinguishing media	
Suitable extinguishing media:	CO ₂ , dry chemical, foam, water spray, water fog.
Unsuitable extinguishing media:	Not determined.
Specific hazards arising from the chemical:	See section 10 for additional information.
Special protective equipment and precautions for firefighters	
Special fire fighting procedures:	No data available.
Special protective equipment for fire-fighters:	Recommend wearing self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment and emergency procedures:	No data available.
Methods and material for containment and cleaning up:	Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. If liquid is too viscous for pumping, scrape it up. Collect for salvage or disposal.
Environmental Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

Precautions for safe handling	Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid environmental contamination.
Maximum Handling Temperature:	Not determined.
Conditions for safe storage, including any incompatibilities:	Store away from incompatible materials. See section 10 for incompatible materials.

Maximum Storage Temperature: Not determined.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate engineering No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required.

Eye/face protection: If contact is likely, safety glasses with side shields are recommended.

Skin Protection

Hand Protection: Suitable gloves can be recommended by the glove supplier.

Other: No data available.

Respiratory Protection: A respiratory protection program compliant with applicable regulations must be followed whenever workplace conditions require the use of a respirator. Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Hygiene measures: Observe good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state: liquid

Form: viscous

Color: Natural

Odor: Pungent

Odor threshold: No data available.

pH: No data available.

Freezing point: No data available.

Boiling Point: No data available.

Flash Point: > 325 °F (163 °C) (Pensky-Martens Closed Cup)

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit – upper (%): No data available.

Flammability limit – lower (%): No data available.

Explosive limit – upper (%): No data available.

Explosive limit – lower (%): No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density: 1.03 77 °F (25 °C)

Solubility(ies)

Solubility in water partly soluble

Solubility (other): No data available.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: No data available.

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Will not occur.
Conditions to avoid:	Not determined.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	Causes mild skin irritation.
Eye Contact:	No data available.

Information on toxicological effects

Acute toxicity

Oral

Product:	Not classified for acute toxicity based on available data. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
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Dermal

Product:	Not classified for acute toxicity based on available data.
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Inhalation

No data available

Skin Corrosion/Irritation:

Product:	Causes mild skin irritation
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Serious Eye Damage/Eye Irritation:

Product:	Remarks: Not classified as a primary eye irritant.
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Respiratory sensitization:

No data available

Skin sensitization:

No data available

Specific Target Organ toxicity – Single Exposure:

No data available

Aspiration Hazard:

No data available

Chronic Effects

Carcinogenicity:

No data available

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. national toxicology program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity:

No data available

Reproductive toxicity:

No data available

Specific Target Organ Toxicity – Repeated Exposure:

Diethyltoluenediamine Oral: Target Organ(s): Pancreas.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Fish**

Diethyltoluenediamine LC 50 (Golden Orfe, 48 H): 200 mg/l

Aquatic Invertebrates

Diethyltoluenediamine EC 50 (Water flea (Daphnia magna), 48 h): 0.5 mg/l

Toxicity to Aquatic Plants

Diethyltoluenediamine EC 50 (Alga, 72 h): 104 mg/l

Toxicity to soil dwelling organisms

No data available

Sediment Toxicity

No data available

Toxicity to Terrestrial Plants

No data available

Toxicity to Above-Ground Organisms

No data available

Toxicity to microorganisms

No data available

Persistence and Degradability**Biodegradation**

No data available

Bioaccumulative Potential**Bioconcentration Factor (BCF)**

No data available

Partition Coefficient n-octanol/water (log Kow)

No data available

Mobility:

No data available

Other adverse Effects:

No data available.

13. DISPOSAL CONSIDERATIONS**Disposal instructions:**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.

Contaminated Packaging:

Container packaging may exhibit hazards.

14. TRANSPORT INFORMATION**DOT**

Not regulated.

IMDG

Not regulated.

IATA

Not regulated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

None known.

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperature.

15. REGULATORY INFORMATION

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

None known.

SARA 302 Extremely Hazardous Substance

SARA 304 emergency Release Notification

SARA 311/312 Hazardous Chemical

SARA 313 (TRI Reporting)

This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA).

Additional information can be received upon request.

US State Regulations

US California Proposition 65

No ingredient regulated by CA Prop 65 present.

Inventory Status

Australia (AICS)

All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL)

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

China (IECSC)

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

European Union (REACH)

To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.

Japan (ENCS)

All components are in compliance with the Chemical Substances Control Law of Japan.

Korea (ECL)

All components are in compliance in Korea.

New Zealand (NZIoC)

All components are in compliance with chemical notification requirements in New Zealand

Philippines (PICCS)

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)

This product contains a substance that is not listed on the Switzerland Inventory of Notified New Substances.

Taiwan (TCSCA)

All components of this product are listed on the Taiwan inventory.

United States (TSCA)

All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

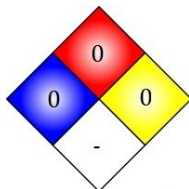
16. OTHER INFORMATION

HMIS Hazard ID

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; RNP – Rating not possible;
*Chronic health effect

NFPA Hazard ID



Red: Flammability; Blue: Health; Yellow – Reactivity; White – Special hazard (Personal Protective Equip.)
Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; RNP – Rating not possible
*Chronic health effect

Issue Date: 10/21/2015
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Source of Information: Internal company data and other publically available resources.
Further Information: Contact supplier (see Section 1)

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