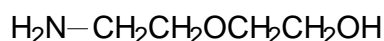


Technical Bulletin**DIGLYCOLAMINE[®] AGENT**(DGA[®]) Brand of 2-(2-Aminoethoxy)Ethanol

DGA[®] agent is essentially colorless, slightly viscous liquid with a mild amine odor. DGA is miscible with water, alcohols, and aromatic hydrocarbons, but relatively immiscible with aliphatic hydrocarbons and ethyl ether. Isometric with diethanolamine; however, the primary H₂N group makes it more reactive.

**APPLICATIONS**

- Used for carbonyl sulfide (COS) removal from liquid hydrocarbon streams
- Used as a selective solvent for recovery of aromatics from refinery streams
- Removes carbon dioxide (CO₂) and hydrogen sulfide (H₂S) from natural and refinery gas, aliphatic hydrocarbon liquids and other sour hydrocarbon streams.
- Preparation of foam stabilizers, wetting and emulsifying agents, condensation polymers, photoresist strippers, and amides for personal care and metalworking applications.

SALES SPECIFICATIONS

<u>Property</u>	<u>Specifications</u>	<u>Test Method*</u>
Appearance	Clear and substantially free of suspended matter	ST-30.1
Color, Pt-Co	35 max.	ST-30.12
DIGLYCOLAMINE, wt. %	98.0 min.	ST-5.5
DIGLYCOLAMINE, wt. %	95.0 min.	ST-35.18
Water, wt. %	0.5 max.	ST-31.53, 6

*Methods of Test are available from Huntsman Corporation upon request.

ADDITIONAL INFORMATION**Regulatory Information**

DOT/TDG Classification	2-(2-aminoethoxy)ethanol
HMIS Code	3-1-0
WHMIS Classification	Class E: Corrosive
CAS Number	929-06-6

Chemical Control Laws

Australia, AICS	Listed
Canada, DSL	Listed
Europe, EINECS/ELINCS	Listed
Japan, METI	Listed
United States, TSCA	Listed

Typical Physical Properties

Boiling point, °C (°F)	221 (430)
Flash point, PMCC, °C (°F)	124 (255)
Freezing point, °C (°F)	-12 (10)
pH	12
Specific gravity, 20/20°C	1
Vapor pressure, mm Hg, 20°C (68°F)	< 0.01
Vapor Density	4
Viscosity, cSt, 51.7°C (125°F)	7.5
Water solubility	> 10

TOXICITY AND SAFETY

The principal health hazard from accidental exposure to DIGLYCOLAMINE agent is a moderate-to-severe irritation/corrosion of the eyes, skin, and mucous membranes. Chemical-type goggles with face shield must be worn during handling or use of the undiluted product or concentrated solutions. Contact lenses should not be worn. Protective clothing, and gloves resistant to chemicals and petroleum distillates, must be worn.

Should accidental eye contact occur, flush eyes with large amounts of water for at least 15 minutes. Eyelids should be held apart to permit rinsing of entire surface of eyes and lids. Get medical attention immediately. For skin contact, immediately flush skin with large amounts of water for at least 15 minutes. Get medical attention immediately. Contaminated clothing should be laundered before reuse.

HANDLING AND STORAGE

For detailed information on the storage and handling of DGA[®] agent, see our bulletin on "Storage and Handling of DGA[®] agents."

AVAILABILITY

DGA[®] agent is available in coiled tank cars, tank wagons, and UN1A1 or UN1H1 steel drums, 480 pounds net. DOT label required: corrosive. Freight classification: Chemicals NOIBN. Gas treating compound. It is available world-wide with manufacturing facilities in U.S. and Europe. Samples are available by contacting our sample department at 1-800-662-0924.

DGA-0707

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Samples 1-800-662-0924

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Warning: Polyurethane products manufactured from these chemicals may present a fire hazard if improperly used. Each manufacturer and user of such products should determine whether there are potential hazards in a specific application and take the necessary precautions.

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