# Safety Data Sheet

1/29/15

# Better Chemistry. Better Business

Revised:

#### 1 IDENTIFICATION

Product Code: 2501105

Recommended use of the chemical and restrictions on use: Industrial applications

Hubbard-Hall Inc. 563 South Leonard Street Waterbury, CT 06708 Telephone : 203-756-5521 Fax number: 203-756-9017

Emergency Phone Number CHEMTREC: 1 (800) 424-9300 International: 1 (703) 527-3887

# 2 HAZARDS IDENTIFICATION

Signal Word:

# 3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Triethanolamine	Trolamine	102-71-6	~15%
Diethanolamine	-	111-42-4	~2%

### 4 FIRST AID

After Skin Contact:

If on skin(on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

After Eye Contact:

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

#### **EXPOSURE CONTROLS / PERSONAL PROTECTION** 8

Name	Std.	TWA-8hrs	STEL - 15 min.
Triethanolamine	ACGIH	6 mg/m3	15 mg/m3
Diethanolamine	ACGIH	2 mg/m3	-

ACGIH - American Control of Governmental Hygenists

OSHA - Occupational Safety and Health Administration

ves

Eve Protection:
-----------------

Wear chemical safety goggles.

#### PHYSICAL AND CHEMICAL PROPERTIES 9

Appearance:	Yellow Liquid
Odor:	Slight amine odor
Odor Threshold:	N/A
PH:	N/A
Melting Point/Freezing Point:	N/A
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	None
Evaporation Rate:	N/A
Flammability (solid, gas):	Non flammable
Upper/Lower flammability or explosive limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	1.041
Solubility (ies):	Complete in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

# 10 STABILITY AND REACTIVITY

Reactivity:	Hazardous Polymerization will not occur.
Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Incompatible Materials:	Avoid contact with strong oxidizers and strong acids.

11

# Routes of Exposure

Eyes, Skin, Inhalation, Ingestion

# 12 ECOLOGICAL INFORMATION

Daphnia Magna,	no data available
Persistence and	Will biodegrade readily
Degradability:	
Biotic degradability:	No data avaiilable
Bioaccumulation potential:	Unlikely
Water result:	Disperses in water.
Soil/Sediment Result:	No data avaiilable

### 13 DISPOSAL CONSIDERATION

# 14 TRANSPORT INFORMATION

UN Proper Shipping Name: NOT D.O.T. REGULATED

# 15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 0 Reactivity: 0

#### **16 OTHER INFORMATION**

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.