

2770 – 24 Avenue N.E.  
Calgary, Alberta, T1Y 6V7

Tel.: (403) 250-2494  
Fax.: (403) 250-8767

## TABEX®

### Material Safety Data Sheet

#### Section I - Identification

#### CLOG - FREE

**MANUFACTURER / SUPPLIER:**

CL MARKETING INC.

2770 – 24 Avenue N.E.,  
Calgary, Alberta, T1Y 6V7

Phone: (403) 250-2494

Toll Free Order Line: 1-800-661-8179

EMERGENCY PHONE (CANUTEC): 613 - 996 - 6666

**Chemical Name:** Mixture of organic compounds in water.

**Product Use:** Prevents clogging of alkaline chemical feeder lines.

<u>Hazard Rating</u>	<u>Designation</u>	
4 Extreme	Health	2
3 High	Fire	0
2 Moderate	Reactivity	1
1 Slight	Personal Protection	D
0 None		

#### Section II - Hazardous Ingredients

<u>Material</u>	<u>% By Weight</u>	<u>CAS Nr</u>	<u>Exposure Limits</u>	<u>LD<sub>50</sub> (Oral-Rat)</u>
GLYCINE, N-(2-BIS (CARBOX)	35 - 45	139-89-9	Not available	Not available
SODIUM HYDROXIDE	1 - 3	1310-73-2	Not available	Not available
GLYCINE, N- N-BIS (CARBOXYM)	1 - 2	5064-31-3	Not available	Not available
CITRIC ACID	1 - 2	77-92-9	Not available	11700 mg/Kg

**Section III - Physical Data**

Appearance	Clear liquid.
Boiling Point	> 100 <sup>0</sup> C
Freezing Point	< 0 <sup>0</sup> C
Odor	Odorless
pH (10%)	12.5 – 13.5
Specific Gravity ( Water = 1)	1.30 – 1.32
Vapor Density ( Air = 1)	N/A
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Water Solubility	Very Soluble
% Volatile	10% - 20%
Coefficient water/oil distribution	N/A
Odor Threshold	N/A

**Section IV - Fire And Explosion Data**

Flash Point (°C , Test Method):	None
Auto-Ignition Temperature:	None
Flammable Limits In Air: ( g/l ):	LFL: None UFL: None
Extinguishing Media:	Dry Chemical (Sodium Bicarbonate), Foam, CO <sub>2</sub> , Water
Special Fire Fighting Procedure:	Fight fires from a safe distance.
Personal Protective Equipment:	Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.
Conditions of flammability:	N/A
Hazardous combustion products:	Ammonia
Explosion Data:	N/A
Sensitivity Impact:	N/A
Sensitivity to static discharge:	N/A
Mechanical Impact:	N/A

**Section V - Health Hazard Information Of Product****Routes of Exposure and Acute Effects.**

<b>Inhalation:</b>	Causes irritations.
<b>Skin Contact:</b>	Causes irritations.
<b>Skin Absorption:</b>	Causes irritations.
<b>Eye Contact:</b>	Corrosive
<b>Ingestion:</b>	Causes burning. May cause gastrointestinal irritation. See a physician immediately.

**Chronic Exposure.**

<b>Irritancy of product:</b>	Irritating. May cause dermatitis.
<b>Sensitizing Capacity:</b>	Not available.
<b>Mutagenic effect:</b>	N/A
<b>Teratogenic effect:</b>	N/A
<b>Carcinogenic effect:</b>	N/A
<b>Reproductive toxicity:</b>	N/A
<b>Synergistic products:</b>	N/A

**Emergency and First Aid Procedure.**

<b>Eyes:</b>	In case of contact, immediately flush eyes of plenty of water for at least 15 minutes. Call a physician immediately.
<b>Skin:</b>	In case of contact, remove contaminated clothing and flush skin thoroughly with soap and water. Wash clothing before reusing.
<b>Inhalation:</b>	If inhaled, remove victim to area of fresh air. If irritation persists, call a physician.
<b>Ingestion:</b>	If swallowed do not induce vomiting. Call a physician immediately.

**Section VI - Reactivity Data**

<b>Conditions Contributing to Instability:</b>	This product is stable under normal conditions.
<b>Incompatibility:</b>	Especially avoid contact with strong oxidizers, aluminum and magnesium.
<b>Decomposition Products:</b>	Ammonia, Nitrogen oxides
<b>Reactivity:</b>	In contact with strong oxidizers, aluminum and magnesium.

**Section VII - Spill Or Leak Procedures****Steps To Be Taken If Material Is Released Or Spilled**

Cleanup personnel must wear proper protective equipment.

That is rubber gloves, face shield, safety goggles, safety shoes and protective clothing.

Keep out of sewers and water supplies.

Small leaks: Absorb with an inert absorbent. Sweep up and place in an appropriate closed container.

Large leaks: Evacuate area. Reclaim material into closed containers for possible normal use or disposal.

Clean up residual material by washing area with water

**Waste Disposal Method.**

Dispose according to Local, Provincial and Federal by-laws.

**Section VIII - Special Protection Information.****Ventilation requirements**

Local ventilation.

**Specific Personal Protective Information.**

**Skin Protection:** Chemical resistant rubber gloves  
**Eye Protection:** Chemical splash goggles  
**Respiratory protection:** Use dust/mist filters or approved respirator  
**Other:** Eye wash station and safety shower in area.  
Do not wear contact lens when working with this compound.

**Section IX - Special Precaution.****Precaution To Be Taken In Handling.**

Avoid inhalation of vapors.  
Avoid eye or skin contact. Do not take internally. Wash clothing before reuse.  
Practice good personal hygiene.

**Proper Storage, Handling and Disposal Requirements.**

Store in tightly closed containers in a cool, dry, well-ventilated area.  
Keep away from incompatible materials (oxidizing agents, aluminum, magnesium).  
NO SMOKING in areas of storage, handling or use.

**Section X - Transport And Regulatory Information.**

<b>TDG DESIGNATION:</b>	<b>Corrosive liquid, basic, organic, N.O.S. (Trisodium HEDTA)</b>
<b>UN NUMBER:</b>	<b>3267</b>
<b>TDG CLASSIFICATION:</b>	<b>8</b>
<b>WHMIS CLASSIFICATION:</b>	<b>D-2A , D-2B, E</b>
<b>PACKING GROUP</b>	<b>III</b>

**Material Safety Data Sheet:**

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**Verified By:** G. Radu

**Date Issued:** 16/03/2009

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