



**“Provider of Superior Environmental Products & Services”**

## **MATERIAL SAFETY DATA SHEET**

### **SECTION I**

#### **PRODUCT AND PREPARATION INFORMATION**

Trade Name: Liquid Reduced Effervescence Acid Neutralizer  
Synonym: N/A  
Product Code: NRLGN-01, NRLGN-03, NRLGN-04

#### **DISTRIBUTOR**

Can-Ross Environmental Services Ltd.  
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### **SECTION II**

#### **HAZARDOUS INGREDIENTS**

<b>CHEMICAL IDENTITY</b>	<b>CAS NUMBER</b>	<b>PERCENT BY WEIGHT</b>
Triethanolamine	102-71-6	30% - 60%
Diethanolamine	111-42-2	3% - 7%

### **SECTION III**

#### **PHYSICAL PROPERTIES**

Appearance..... Clear purple liquid  
Specific Gravity..... 1.06  
Odour..... N/A  
Ph..... 10.8  
Boiling Point..... >100C  
Freezing Point..... <0C  
% Volatile..... 50%

### **SECTION IV**

#### **FIRE AND EXPLOSION HAZARDS**

Flammability..... >179C  
Hazardous Products of Combustion..... CO, CO2, Smoke, NO  
Means of Extinction: Alcohol Foam, Water, CO2, Dry Chemical  
Explosion Data..... N/A



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Flash Point..... 179C (Closed cup)  
LFL/UFL..... N/A  
Fire Fighting Procedures..... Wear appropriate  
protective clothing and equipment.

### SECTION V

#### HEALTH HAZARD AND FIRST AID DATA

##### **Possible Routes of Entry:**

Skin: Yes; May cause a skin irritation. Wash skin with copious amounts of water.  
Eye: Yes; May burn eyes. Flush with copious amounts of water.  
Inhalation: No  
Ingestion: Yes; LD50 (triethanolamine) 1870 mg/kg (oral/rat) If ingested, induce vomiting and see a physician.

### SECTION VI

#### REACTIVITY DATA

This product reacts with acids evolving considerable heat. This may cause splashing and acid fume release.

### SECTION VII

#### PERSONAL PROTECTIVE EQUIPMENT

Wear appropriate personal protective equipment. This equipment should include gloves, goggles, acid resistant footwear and clothing. Consult the MSD Sheet for the acid being neutralized if possible, for further and more detailed instructions on personal protective equipment and spill handling procedures.

### SECTION VII

#### SPILL AND LEAK PROCEDURES

Absorb spilled material with universal sorbents.

### DISCLAIMER

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