

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Bio-Eze NST

**Recommended use of the chemical and restrictions on use**

**Recommended use** Liquid detergent  
**Restrictions on use** For industrial use only

**Supplier details**

West Penetone Inc.  
 10900 Secant  
 Montreal, QC,  
 H1J 5S1  
 Tel: 514-355-4660

**Emergency Telephone Number**

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

Eye damage/Irritation	Category 1
Skin corrosion/irritation	Category 2

**Label Elements**

**DANGER**

**Hazard Statements**

Causes serious eye damage  
 Causes skin irritation



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
 IF ON SKIN (or hair): Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Dipropylene glycol methyl ether	34590-94-8	1-5
C-12 Ethoxylated alcohol	68131-39-5	1-5
C-11 Ethoxylated alcohol	34398-01-1	1-5

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin contact</b>	Rinse skin with water. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Not applicable
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Causes burns to eyes and irritation to skin. Symptoms include tingling sensation and / or reddening.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

None known.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Rinse area with plenty of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL
Dipropylene glycol methyl ether 34590-94-8	TWA : 100 ppm STEL : 150 ppm	100 ppm

### Appropriate engineering controls

**Engineering Controls** Not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety goggles.

**Skin and body protection** Wear protective gloves.

**Respiratory Protection** Not required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Clear, colorless liquid

### **ODOR**

Detergent

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

9.5

### **MELTING POINT / FREEZING POINT :**

Not available

### **BOILING POINT/BOILING RANGE :**

100°C

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.02

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

None

**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

&lt; 10 cps @ 22°C

**FLAMMABLE LIMITS :****UPPER:** Not applicable    **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

**Conditions to Avoid**

None.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None

**Incompatible Materials**

None

**Hazardous decomposition products**

None

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dipropylene glycol methyl ether 34590-94-8	5.7 g/kg (rat)	7 mL/kg (rabbit)	> 500 ppm/7H (rat)
C-12 Ethoxylated alcohol 68131-39-5	1650 mg/kg (rat)	> 2000 mg/kg (rabbit)	Not applicable
C-11 ethoxylated alcohol 34398-01-1	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	Not applicable

**Information on likely sources of exposure****Serious eye damage/irritation**

Causes serious eye damage.

**Skin corrosion/irritation**

Causes skin irritation.

**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization**

Not a sensitizer.

**Germ cell mutagenicity**

None known.

**Carcinogenicity**

No listed human

carcinogens.

**Reproductive toxicity**

None known.

**STOT - single exposure**

None known.

**STOT-repeated exposure**

None known.

**Aspiration Hazard**

None.

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening of eyes and tissues.

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

48 hour EC50 > 200mg/L, Daphnia magna; 72 hour EC50 > 200mg/L, Selenastrum capricornutum

**Persistence and degradability**

Readily biodegradable, COD 0.27 mg O<sub>2</sub>/mg

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL  
Ecologo Certified UL2759, Hard Surface Cleaner

**16. OTHER INFORMATION****Preparation Date**

January 2, 2017

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**