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## Safety Data Sheet NEUTRALIZER

### 1. IDENTIFICATION

Synonyms none  
Material Use neutralizer

**IN AN EMERGENCY CALL: INFOTRAC 1-800-535-5053**

### 2. HAZARD IDENTIFICATION

GHS Class flammable liquid  
(Category) (4)  
Signal Words WARNING



Hazard Statements combustible  
liquid  
(H227)

#### GHS Precautionary Statements for Labeling

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.  
P280 Wear face protection.  
P370, P378 In case of fire; use water spray, carbon dioxide, dry chemical or alcohol foam for extinction.  
P403, P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations and product characteristics at time of disposal.

### 3. COMPOSITION

	CAS NUMBER	%
Diethylene glycol monoethyl ether	111-90-1	90-100%

### 4. FIRST AID

SKIN: Wash with plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered. Seek medical help promptly if there is persistent itching or redness in the affected area.  
EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance if there is any irritation.  
INHALATION: Remove from contaminated area promptly. **CAUTION: Rescuer must not endanger himself!** If victim's breathing stops, administer artificial respiration and seek medical aid promptly.  
INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

*NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.*

### 5. FLAMMABILITY & FIRE-FIGHTING

Flash Point 91 deg C  
Autoignition Temperature N/A  
Flammable Limits N/A  
Firefighting Precautions foam, dry chemical, water spray, sand; firefighters must wear SCBA  
Special hazards arising from the substance and mixture: Do not use a heavy water stream.

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## 6. ACCIDENTAL RELEASE MEASURES

Leak Precaution dike to control spillage and prevent environmental contamination  
 Handling Spill Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

## 7. HANDLING & STORAGE

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

## 8. EXPOSURE CONTROL & PERSONAL PROTECTION

ACGIH TLV	not listed	ACGIH STEL	not listed
OSHA PEL	not listed	OSHA STEL	not listed

Ventilation	mechanical ventilation is probably not required, if TLV is not exceeded
Hands	protective gloves
Eyes	goggles or safety glasses with side shields – <i>always protect the eyes</i>
Clothing	no special protective clothing required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Odor & Appearance	clear, colorless liquid, mild odor
Odor Threshold	1.1 ppm
Vapor Pressure	0.095 mmHg (20 deg C)
Evaporation Rate ( <i>Butyl Acetate = 1</i> )	N/A
Vapor Density (air = 1)	4.6
Boiling Point	198 deg C
Freezing Point	-90 deg C
Specific Gravity	0.99
Water Solubility	Complete
Log P <sub>o/w</sub> (Octanol/H <sub>2</sub> O partition)	N/A
Dynamic Viscosity	4.5 mPa.s (20 deg C)
pH	N/A

## 10. REACTIVITY

Reactivity	None known.
Chemical Stability	Stable
Possibility of hazardous reaction	Forms peroxides of unknown stability
Conditions to Avoid	Heat, sparks, flames.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon Dioxide. Carbon Monoxide.

## 11. TOXICITY INFORMATION

### ***i. ACUTE EXPOSURE***

Skin Contact	causes skin irritation
Eye Contact	causes serious eye damage.
Inhalation	high vapor concentrations may cause irritation
Ingestion	not known

### ***ii. CHRONIC EXPOSURE***

General	prolonged exposure may cause dermatitis or allergic skin reaction
Sensitizing	may cause allergic skin reaction
Carcinogen/Tumorigen	not considered a tumorigen or a carcinogen in humans or animals
Reproductive Effect	no known effect
Mutagen	no known effect
Synergistic With	not known

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**12. ECOLOGICAL INFORMATION**

Acute Toxicity	
Fish	LC50 (Fish 96 hr) 6010 mg/l
Aquatic Invertebrates	EC50 (daphnid, 48 hr) 1982 mg/l
Chronic Toxicity	
Fish	N/A
Aquatic Invertebrates	NOEC (Ceriodaphnia, 7 d) 7.4 mg/l
Aquatic Plants	EC50 (Scenedesmus subspicatus, 96h) >100 mg/l
Bioaccumulation	Potential low
Biodegradation	100% (16 d)
Abiotic Degradation	no data
Mobility in soil, water	Expected to partition to water.

**13. DISPOSAL CONSIDERATIONS**

Waste Disposal **do not flush to sewer**, recycle solvent if possible  
 Containers **Warning: never cut, drill, weld or grind on or near this container, even if empty.**

**14. TRANSPORT INFORMATION**

Product Identification Number	UN – not regulated for transport
Shipping Name	not regulated for transport
Classification	not regulated for transport
<i>Marine Pollution</i>	<i>not a marine pollutant</i>
<i>ERAP Required</i>	<i>No</i>

**15. REGULATIONS**

This product has NOT been classified in accordance with hazard criteria of the controlled products regulations.

WHMIS (Canada) Status: controlled  
 WHMIS (Canada) hazard classification: B/3  
 SARA 311-312 Hazard Classification: fire hazard  
 US EPCRA (SARA Title III) Section 313-Toxic Chemical list-listed  
 OSHA: Hazardous

Canada DSL	listed
U.S.A. TSCA	listed

**16. OTHER INFORMATION**

Date of Preparation	June 2015
Date of Revision	-
Prepared for DAC Vision	

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