

# MATERIAL SAFETY DATA SHEETS

## SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : **ODOR ELIMINATOR (97 015)**  
Chemical name and synonyms : Not applicable (mixture)  
Manufacturer : Manupro Distribution      Supplier : Manupro Distribution  
Address : 3800, 3<sup>e</sup>avenue      Address : 3800, 3<sup>e</sup>avenue  
Rawdon (Québec)      Rawdon (Québec)  
JOK 1S0      JOK 1S0  
Telephone : (450) 752-9599      Telephone : (450) 752-9599  
Emergency phone (CANUTEC) : (613) 996-6666  
Issue by : Manupro Distribution  
Product use : Deodorizer

<b>HMIS Rating :</b>	
Health :	0
Flammability :	0
Reactivity :	0
Personal protection :	B

## SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS</u>	<u>% p/p</u>
Ethyl alcohol	64-17-5	1 - 5

## SECTION 3 : HAZARDS IDENTIFICATION

### Acute effect

Eyes contact : Eye contact can cause temporary redness and discomfort.  
Skin contact : No significant irritation expected.  
Inhalation : Due to it's low vapor pressure, this product is not likely to present an inhalation hazard at normal temperatures.  
Oral : Small amounts transferred to the mouth by fingers during use should not ingure.

### Effects of repeated overexposure

Skin : May cause temporary irritation.  
Inhalation : None known.  
Oral : Swallowing large amounts may cause digestive discomfort.

The above listed potential effects of overexposure are base on actual data, results of studies performed upon similar compositions, component data, and/or expert review of the product. Please refer to section 11 for detailed toxicology information.

## SECTION 4 : FIRST-AID MEASURES

Eyes contact : Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart.  
Skin contact : No first aid should be needed.

Inhalation :	No first aid should be needed.
Oral :	No first aid should be needed.
Notes to physicians :	Treat according to person's condition and specifics of exposure.

---

## SECTION 5 : FIRE-FIGHTING MEASURES

---

T.D.G. Flammable class :	Not controled
Flammability :	Non flammable
Flash point, closed cup (°C) :	> 93,3
Explosive limit temperature (°C) :	Not applicable
Autoignition temperature (°C) :	Not applicable
Lower flammable limit (% by vol.) :	Not applicable
Higher flammable limit (% by vol.) :	Not applicable
Sensitivity to static discharge:	Not sensitive to static discharge.
Sensitivity to impact :	Not sensitive to impact.
Hazardous Products of Combustion :	May form: carbon oxides..
Unusual fire hazards :	Not other fire or explosion hazards of this product are known.
Extinguishing Media :	Water, water spray, carbon dioxide (CO <sub>2</sub> ), dry chemical foam.
Fire Fighting Instructions :	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Refer to the personal protective equipment section of this MSDS.

---

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

---

General information :	Use proper personal protective equipment as indicated in Section 8. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.
Small spill :	Remove with scoop. Clean area as appropriate since the product, even in small quantities, may present a slip hazard.
Large Spill :	Stop leak if without risk. Provide diking or other appropriate containment to keep material from spreading. Remove with shovel, store recovered material in appropriate container.
Disposal measures :	See Section 13.

---

## SECTION 7 : HANDLING AND STORAGE

---

Handling :	Use good personal hygiene practices. Wash hands before eating, drinking, or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.
Storage:	Store at room temperature.

---

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

---

Eye Protection :	Wear safety glasses with side shields (or goggles).
Skin Protection :	No special protection needed.
Footwear :	Wear adequate working boots.
Clothing :	Wear adequate working clothes.
Respiratory Protections :	No special protection needed.

Engineering Controls : Provide sufficient mechanical (general and/or local exhaust) ventilation.

Other : Eye bath and safety shower.

Exposure limits :

<u>Ingredient</u>	<u>CAS</u>	<u>TLV</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Ethanol	64-17-5	1000 ppm	31,6g/kg/4h. <sup>(2)</sup>	7 g/kg <sup>(1)</sup>

(1) : oral - rat

(2) : inhalation – rat

---

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

---

State :	Solid	Appearance :	Opaque
Color :	Blue	Odor :	Light, characteristic
Vapor pressure (mm Hg) :	Not available	pH :	10
Specific vapor density (Air=1) :	Not available	Specific gravity (20°C) :	Not available
Evaporation rate (Water=1) :	Not available	Boiling point (°C) :	> 100
Solubility in water (% p/p) :	Soluble	Melting point (°C) :	45
Solubility in ethanol :	Soluble	Viscosity (cps) :	Not applicable
Volatiles (% p/p) :	90	Molecular weight :	Not applicable
Partition coefficient water/oil :	Not available	Chemical formula :	Not applicable

---

## SECTION 10 : STABILITY AND REACTIVITY

---

Hazardous polymerization :	Will not occur.
Hazardous decomposition :	May form: carbon dioxide and carbon monoxide.
Chemical stability :	Stable under normal conditions.
Materials to avoid :	Strong oxidizing agents, acids

---

## SECTION 11 : TOXICOLOGICAL INFORMATION

---

Effects of chronic exposure :	None known
Effects of acute exposure :	None known
Carcinogenicity :	Not indicated
Reproductive toxicity :	Not indicated
Teratogenicity :	Not indicated
Mutagenicity :	Not indicated
Primary Route(s) of Entry :	Eye contact

---

## SECTION 12 : ECOLOGICAL INFORMATION

---

Environmental toxicity information :	This material is biodegradable.
BOD <sub>5</sub> :	Not available
COD :	Not available

---

## SECTION 13 : DISPOSAL CONSIDERATIONS

---

Waste Management Information :	Dispose in accordance with municipal, provincial and federal regulations.
--------------------------------	---

---

## SECTION 14 : TRANSPORT INFORMATION

---

DOT/TDG Classification :	Not regulated
UN/NA Number :	Not applicable
Packging group :	Not applicable
Shipping name :	Not applicable

---

## SECTION 15 : REGULATORY INFORMATION

---

Canada (WHMIS) :	Not regulated
CPR compliance :	This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations</i> and the MSDS contains all information required by <i>Controlled Products Regulations</i> .

---

## SECTION 16 : OTHER INFORMATION

---

Emission date:	March 23th, 2018
Prepared by :	The Safety, Health and Environment Departement of Manupro Distribution

Disclaimer :

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. Last page