

MATERIAL SAFETY DATA SHEET

5100 W. Henrietta Rd.
West Henrietta, NY 14586
TEL: (866) 260-0501

MSDS No. 9475704 9475706
Effective Date: September 04, 2002

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Octyl alcohol / <i>Capryl Alcohol</i>	416-984-3000
Chemical Synonyms	1-Octanol	
Formula	CH ₃ (CH ₂) ₆ CH ₂ OH	
CAS No.	111-87-5	HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 WHMIS

SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Octyl Alcohol	100%	N/A
WARNING! COMBUSTIBLE.		

SECTION III PHYSICAL DATA

Melting Point (°C)	-17.2°C	Specific Gravity (H ₂ O = 1)	0.827 @ 20/20°C
Boiling Point (°C)	195°C	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	0.14 @ 78°F	Evaporation Rate (Butyl alcohol = 1)	< 0.01
Vapor Density (Air=1)	4.5		
Solubility in Water	0.04 g/100 mL @ 20°C.		
Appearance & Odor	Liquid; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	Closed Cup: 82.2°C	Flammable Limits in Air % by Volume	Lower: 0.9%	Upper: 6.0%
Firefighting Procedures	Use dry chemical, CO ₂ , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.			

Flammability and Explosion Hazards

This product is combustible.

TDG	Not controlled under TDG.
------------	---------------------------

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them. They must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety of employees. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.

SECTION V REACTIVITY DATA

Chemical Stability	Yes	X	If no, under what conditions?
	No		
Incompatible with Other products	Yes	X	Strong oxidizing materials,
	No		

Hazardous Decomposition Products	These product are carbon oxides.
Reactive under what conditions	No specific information is available.

SECTION VI TOXICOLOGICAL PRO

Route of Entry	Ingestion.
TLV	N/A
Toxicity for animals	Acute oral toxicity (LD50): > 5 g/kg (Rat).
Chronic effects on humans	Repeated or prolonged exposure to the substance. Target organs: Central nervous system, liver.
Acute effects on humans	Harmful if swallowed. Vapor harmful. May cause irritation.

SECTION VII PREVENTIVE MEASURES

Waste Disposal	Discharge, treatment, or disposal may be subject to local, state, or federal regulations. Consult your local or regional authorities.
Storage	Ground all equipment containing material. Keep tightly closed. Keep away from strong oxidizing materials. Empty containers pose a fire risk, even when apparently empty.
Precautions	Avoid contact with skin and eyes. DO NOT ingest, seek medical advice immediately.
Spill or leak	Dilute with water and mop up, or absorb with appropriate waste disposal container. Wash thoroughly.
Protective Clothing	Splash goggles, lab coat, vapor respirator, gloves.

SECTION VIII FIRST AID MEASURES

Specific first aid measures	Ingestion: Call physician or Poison Control Center. Do not induce vomiting unless advised by the appropriate medical personnel. Do not use emetics. Do not give anything by mouth to a person who is unconscious. Do not use mouth-to-mouth resuscitation. If necessary, give artificial respiration. If inhaled: Remove to fresh air. If not breathing, give artificial respiration. If on contaminated skin with running water and no fresh air. If not breathing, give artificial respiration. Allow victim to rest in a well ventilated area.
-----------------------------	---

SECTION IX PREPARATION OF THE

Rev. No.	5	Date	September 04, 2002	Approved	M
----------	---	------	--------------------	----------	---