

SECTION 1 - PRODUCT IDENTIFICATION

Revised Date: Feb 2004

Product Name: LOD NEUTRAL 64	Product Number: 1454961	HMIS SYMBOL	HMIS NFPA	NFPA SYMBOL
Generic Name: Disinfectant and Cleaner		HEALTH 1	SEVERE 4 EXTREME	FIRE 0
Supplier's Name: BIRSCH INDUSTRIES, INC.		FLAMMABILITY 0	SERIOUS 3 HIGH	REACTIVITY 0
Supplier's Address: 476 Viking Drive, Suite 102 Virginia Beach, VA 23452		REACTIVITY 0	MODERATE 2 MODERATE SLIGHT 1 SLIGHT	TOXICITY 1 SPECIAL 0
Emergency Phone Number : (800) 255-3924			MINIMAL 0 INSIGNIFICANT	
Information Phone Number: (757) 622-0355				

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS #	WT. %	TWA-TLV MG/M3	STEL-TLV MG/M3	CARCINOGEN
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	2.0 to 4.0	N/A	N/A	No
Di (octyl-decyl) dimethyl ammonium chloride	68424-95-3	4.0 to 5.0	N/A	N/A	No
Ethyl alcohol	64-17-5	2.0 to 3.0	N/A	N/A	No

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1988 and of 40 CFR 372:

CAS# Chemical Name Percent by Weight.

SECTION 3 - PHYSICAL DATA

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Boiling Point (F): 212° F	Specific Gravity: 1.02	Flash Point (Method Used): 200°F
Vapor Pressure: 20mm Hg@68F	Vapor Density: (Air=1): Heavier than air	Upper Explosive Limit: N/A
% Volatile: 81	pH: 7.5-8.0	Extinguishing Media: CO2, Dry Chemical, Synthetic foam or Water. Type BC or ABC
Solubility in Water: Complete	Evaporation Rate:(Water=1): Slower than	Special Fire Fighting Procedures: Self-contained breathing apparatus.
Physical Description: Yellow liquid, lemon odor.		Unusual Fire & Explosion Hazards: Dust may be explosive. Hydrogen can be formed

SECTION 5 - REACTIVE DATA

SECTION 6 - STORAGE AND HANDLING INFORMATION

Stability: Stable	Hazardous Polymerization: Will not occur	Precautions to be Taken in Handling and Storage: Avoid overheating or freezing.
Incompatibility (Materials to Avoid): Strong Oxidizing Agents		Store in a cool, well-ventilated area. Avoid sparks or flames. Ground equipment when transferring or using material.
Hazardous Decomposition Products: Nitrous Oxides and Ammoniacal vapors		

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure	First Aid Procedures
Primary Route of Entry:	
Skin: Prolonged or repeated contact may cause irritation	Skin: Wash skin and remove contaminated clothing. Do not reuse clothes.
Eyes: Irritation	Eyes: Flush eyes immediately with plenty of water for at least 15 minutes.
Inhalation: Irritation, chemical burns, vapors may cause drowsiness, nausea, loss of motor skills, or disorientation	Inhalation: Remove to fresh air. Use oxygen or artificial respiration, if needed.
Ingestion: Chemical burns	Ingestion: Consult physician immediately.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: If vapors, fumes or dusts are present use MSHA or NIOSH approved respirator, a fresh air breathing apparatus, or a SCUBA.	Ventilation: provide adequate ventilation
Protective Gloves: impervious	Eye Protection: Safety Glasses
Other Protective Equipment: equipment to prevent prolonged or repeated contact	

PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE FOR THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND THEY ALSO GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Ventilate. Small spills - soak with absorbent, shovel waste into containers, wash with water. Large - recover material for reprocessing and disposal.	Waste Disposal Method: Dispose in accordance with all Federal, State, and Local regulations.
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