

SECTION 1 - PRODUCT IDENTIFICATION

Revised Date: Oct. 2009

Product Name: LOD NEUTRAL 256 Product ID#: 145509
 Generic Name: Disinfectant and Cleaner
 Supplier's Name: BIRSCH INDUSTRIES, INC.
 Supplier's Address: 476 Viking Drive, Suite 102
 Virginia Beach, VA 23452
 Emergency Phone Number : (800) 255-3924
 Information Phone Number: (757) 622-0355

HMIS SYMBOL	HMIS NFPA	NFPA SYMBOL
HEALTH 1	SEVERE 4 EXTREME	FIRE 0
FLAMMABILITY 0	SERIOUS 3 HIGH	REACTIVITY 0
REACTIVITY 0	MODERATE 2 MODERATE	TOXICITY 1
	SLIGHT 1 SLIGHT	SPECIAL 0
	MINIMAL 0 INSIGNIFICANT	

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS #	WT. %	TWA-TLV MG/M ³	STEL-TLV MG/M ³	CARCINOGEN
Water	7732-18-5	60-65	N/A	N/A	No
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	8.680	N/A	N/A	No
Octyl dimethyl ammonium chloride	68424-95-3	6.510	N/A	N/A	No
Dioctyl dimethyl ammonium chloride	5538-94-3	3.255	N/A	N/A	No
Didecyl dimethyl ammonium chloride	7173-51-5	3.255	N/A	N/A	No
Ethanol	64-17-5	0-5.0	N/A	N/A	No

This product contains 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.

SECTION 3 - PHYSICAL DATA

Boiling Point (F): 212°F
 Vapor Pressure: 20mm Hg@68°F
 % Volatile: 81
 Solubility in Water: Complete
 Physical Description: Yellow liquid, lemon odor.
 VOC (at dilution) 0.02%

Specific Gravity: 1.02
 Vapor Density: (Air=1): Heavier than air
 pH: 6.5 - 7.0
 Evaporation Rate: (Water=1): Slower than

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (54.4°C), 130 F PMCC
 Upper Explosive Limit: N/A
 Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog.
 Special Fire Fighting Procedures: Wear full Turn-Out gear, full breathing apparatus.
 Unusual Fire & Explosion Hazards: Vapors may form explosive mixture with air.
 Hazardous Combustion Products: Irritating and toxic gases or fumes may be released during fire.

SECTION 5 - REACTIVE DATA

Stability: Stable
 Incompatibility (Materials to Avoid): Strong Oxidizing Agents
 Hazardous Decomposition Products: Nitrous Oxides and Ammoniacal vapors

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Avoid overheating or freezing.
 Store in a cool, well-ventilated area. Avoid sparks or flames. Ground equipment when transferring or using material.

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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SECTION 10- TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

Hazardous Material Description and Proper Shipping Name:	Disinfectants, Liquid, toxic, n.o.s.
Hazard Class or Division:	6.1
Identification Number:	UN3142

Packaging Group:

III

Label Code:

6.1

Vessel Stowage

Location:

PG III A