

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER: **LEM01**
 IDENTITY: **Lemon Disinfectant**

SECTION I: MANUFACTURER'S INFORMATION

Manufacturer's Name	INDUSTRIAL RESEARCH PRODUCTS	Telephone Numbers:
Address	2505 Frank Albert Road E., B120	Emergency: 800-400-0681
	Fife WA 98424	Information: 800-400-0681

HMIS CODES: REACTIVITY: n/a FLAMMABILITY n/a HEALTH 2 PERSONAL PROTECT 1

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

	Name	Cas No.	WISHA PEL	ACGIH TLV	OTHER Limits
1.	Dimethyl ethylbenzyl ammonium chlorides	68965-79-6			
2.	Alkyl-n,n dimethyl-n-benzyl amm. chl.	68391-01-5			
3.	Ethl Alcohol, Denatured	64-17-5	1000	1000	
4.					
5.					
6.					
7.					
8.					
9.					

Comments

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212F	Specific Gravity (water=1)	1.00
Vapor Pressure (mm Hg)	Undetermined	Melting Point:	n/a
Vapor Density (AIR=1)	>1	Evaporation Point:	n/a
Solubility in Water:	Complete	Butyl Acetate=1)	>1
Appearance	Yellow liquid	Odor:	Lemon fragrance

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	170F	Flammable Limits:	n/a	LEL:.	4%	UEL:
Extinguishing Media	CO2, Foam					
Special Fire Fighting Procedures:	Use self-contained, positive pressure breathing apparatus, protective clothing					
Unusual Fire and Explosion Hazards:	None					

SECTION V: REACTIVITY DATA

PRODUCT NUMBER LEM01

Stability: Stable Unstable Conditions to avoid: None

Incompatibility (Materials to Avoid): None

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: May Occur: Will Not Occur

Conditions to Avoid: None

SECTION VI: HEALTH HAZARD DATA

Routes of Entry: Inhalations Skin: Ingestion: Eyes:

Health Hazards (Acute and Chronic): TLC considered to be high

INHALATION Mist irritates nasal passages; if irritation or distress go to fresh air, give oxygen if needed.

SKIN Prolonged or repeated skin contact will cause skin irritation, wash off skin with water.

INJECTION If swallowed contact physician immediately.

EYES will cause irritation and pain, and will cause chemical burns,

Carcinogenicity: n/a NTP: n/a IARC Monographs n/a OSHA/WISHA Reg. n/a

Signs and Symptoms of Exposure: Chronic medical conditions aggravated by over exposure, unnecessary exposure to this product should be avoided.

Medical Conditions Generally Aggravated by Exposure: May aggravate chronic medical conditions.

Emergency and First aid Procedure: SKIN: Wash with soap and water. EYES: Flush with water and get medical attention.

INGESTION: Get medical attention immediately.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: SMALL SPILLS: soak up with absorbent, shovel into waste container

LARGE SPILLS: Recover liquid for processing or disposal according to local laws and regulations.

Precautions to be Taken in Handling and Storing: Store in cool dry area. Keep container tightly closed. Keep away from open fire or flame

Other precautions: KEEP THIS AND ALL CHEMICALS AWAY FROM CHILDREN

SECTION VIII: CONTROL MEASURES

Respiratory Protection: Use NIOSH or MSHA approved respirator recommended

Ventilation: None

Local Exhaust: Recommended

Mechanical: N/A

Special: None

Protective Gloves: Recommended

Eye Protection: Recommended

Other Protective Clothing or Equipment: Recommended