

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF PRODUCT

Name: LEMON WSD
Identity: Water Soluble Deodorant MSDS Number: 9047 Date: 5/19/2003 Supersedes: 4/21/1998
TOXICITY: 1 FIRE: 1 REACTIVITY: 0 PROTECTION: A

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV	%
Isopropanol	67-63-0	400 ppm	400 ppm	

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212F	Specific Gravity: 0.980	Vapor Pressure (mm Hg.): ND	Melting Point: ND
Vapor Density (Air = 1): ND	Evaporation (H₂O = 1): ND	Water Solubility: Complete	pH @ 77F: 8.0
			VOCgm/L: 123

Appearance and Odor: Clear light yellow, lemon liquid

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): 120F	% LEL: 7%	% UEL: 12%	Flammable Limits: Isopropanol
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Extinguishing Media: Dry chemical, carbon dioxide, water spray, alcohol foam.

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and impervious protective clothing.

Unusual Fire and May flash but not support combustion

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? Yes EYES? Yes SKIN? No INGESTION? Yes

(Acute) Health Hazards:

Eyes: May cause irritation, discomfort
Skin: May cause dryness, irritation
Ingestion: May cause gastric distress, colic, diarrhea
Inhalation: Breathing mist may irritate respiratory passages.

(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Redness, irritation
Skin: Not likely to cause ill-effects
Ingestion: Nausea & vomiting
Inhalation: Occasional mild irritation effects to nose and throat may occur.

Medical Conditions Generally Aggravated by Exposure: Pre-existing disorder at contact site.

Emergency First Aid Procedures:

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.
Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.
Ingestion: Obtain immediate medical attention.
Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

SECTION VI. TOXICITY DATA

Carcinogenicity: NTP? No IARC No OSHA REGULATED? No

SECTION VII. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization Will Not Occur

Incompatibility (Materials to Avoid): Strong oxidizing agents, halogens, inorganic acids, aldehydes

Hazardous Decomposition Byproducts: Carbon monoxide, Carbon dioxide

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Absorb into neutral medium

Large Spills: Pump up excess then mop

Disposal: Meet Federal, State & Local Requirements

Handling and Storage: Store in cool, dry well ventilated area. Keep container tightly closed when not in used.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

SECTION IX. CONTROL MEASURES

Respiratory Protection: Not normally indicated

Ventilation: Normal indoor

Local Exhaust: Not indicated

Mechanical (General): Not normally indicated

Protective Gloves: Latex, optional

Eye Protection: Chemical safety goggles; optional

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygienic Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION X. DOT INFORMATION

NOT REGULATED

SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: NO

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not

S - May Be Absorbed Through Intact

ND - No Data

Supersedes: 4/21/1998