Winsol Deep Clean
Material Safety Data Sheet

Product Name: Winsol Deep Clean
Product Code: 2051
HMIS Code: H – 2 F – 0 R – 0 P – B
(Health – Fire – Reactivity – Personal Protection)
HMIS Rating: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

I. Manufacturer Identification

Manufacture's Name: Winsol Laboratories, Inc.
Address: 1417 NW 51 St. Seattle, WA, 98107
Emergency Phone: 206-782-5500
Date Prepared: 01-01-04
Name of Prepare: Winsol Laboratories, Inc.
Revised:

II. Hazardous Ingredients / Identity Information

Hazardous Components	Cas#	OSHA PEL	ACGIH TLV	Other	Vapor Press	Weight %
Potassium Hydroxide	1310-58-3	NA	NA		NA	<5

III. Physical / Chemical Characteristics

Sara title III / Section 313 Supplier Notification
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 1986 and of 40 CFR 372:

CAS:#	Chemical Name	Percent by Weight
Not Applicable		
None		

Boiling Point: 139F of Component <5
Vapor Density: N.A.
V.O.C.: N.A.
Solubility in Water: 100%
Appearance and Odor: Light Amber, None
Specific Gravity (H20=1): >1
Evaporation Rate: <1
(Ether=1)

IV. Fire and Explosion Hazard Data

Winsol's Deep Clean is considered non-flammable
Flash point: N.A.

Flammable limits in air by volume: Lower: N/A Upper: N/A
Extinguishing Media: Water
Special Fire Fighting Procedures: Self-contained breathing apparatus with a full-face piece operated in a pressure demand or other positive pressure mode.
Unusual Fire and Explosion Hazards: Based on component <5 – in water solution potassium hydroxide can react with amphoteric metals (such as aluminum) generating hydrogen which is flammable and/or explosive if ignited. Based on the percentage of potassium hydroxide in this product this should not occur.

IV. Reactivity Data

Stability: Stable
Conditions to Avoid: Strong Oxidizing agents, Acids
Incompatibility (Materials to Avoid): Aluminum, tin, zinc, bronze, and brass.
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Will not occur

V. Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: Excessive inhalation of vapors can cause nasal and respiratory irritation.
Skin and eye contact health risks and symptoms of exposure:
Eye: May cause moderate eye irritation and slight corneal injury. Vapors may irritate eyes. In animals, irritation and corneal injury healed primarily within 8 days.
Skin: Prolonged or repeated and confined exposure may cause irritation. Repeated contact may cause drying or flaking of skin.
Skin Absorption Health Risks and Symptoms of Exposure: A single prolonged exposure is not likely to result in the material being absorbed though the skin in a harmful amount. The Dermal LD50 has not been determined.
Ingestion Health Risks and Symptoms of Exposure: Swallowing can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Carcinogenicity: This material is not considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.
NTP? No
IARC Monographs? No
OSHA Regulations? No

EMERGENCY AND FIRST AID PROCEDURES:
Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.
Skin: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.

Ingestion: Do not induce vomiting. Call physician and/or transport to emergency facility immediately.
Inhalation: Remove to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult, give oxygen. Call physician.

VI. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:
Small Spill: Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material and transfer to labeled containers.
Large Spill: Stop still at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining liquid may be taken up on sand, clay, floor absorbent or other absorbent material and shoveled into containers.
Waste disposal method: Review federal, provincial and local government requirements prior to disposal.
Precautions to be taken in handling and storing: Exercise reasonable care and caution. Store in a cool place.
Other Precautions: Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid and/or solids), all hazard precautions given in the data sheet must be observed.

VII. Control Measures

Respiratory Protection: If TVL of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified condition.
Ventilation: Provide general or mechanical ventilation or local exhaust to keep vapor concentrations below TLV of materials in section II. And LEL in section IV.
Protective Gloves: Use impermeable gloves to prevent prolonged skin contact.
Eye Protection: Use safety eyewear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.
Other protective clothing or equipment: Use protective clothing to prevent skin contact. Use head caps, boots, and chemical aprons when necessary.
Work/Hygienic Practices: Eye washes and safety showers in the work place are recommended. Wash hands after using. Monitor exposure levels.

VIII. Disclaimer

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