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KIT06755

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Oil-I.D.™
PRODUCT CODE: 45001
CHEMICAL FAMILY: Organic
USE: Oil Identification Kit
MANUFACTURER / SUPPLIER
 RectorSeal
 2601 Spenwick
 Houston, Texas 77055 USA

EMERGENCY TELEPHONE NUMBERS:

Chemtrec 24 hours: (800) 424-9300
 RectorSeal: (713) 263-8001

NON EMERGENCY TELEPHONE NUMBERS:

Technical Service: (800) 231-3345

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Alcohol
 Caustic

	APPROX						
CAS NO.	%	OSHA PEL	ACGIH TLV	OTHER LIMITS	HMIS	NFPA	
Proprietary	80-90	400 ppm	400 ppm	STEL 500 ppm	N/D	H1,F3,R0	
Proprietary	5-15	CL 2mg/m ³	CL 2mg/m ³	CL 2mg/m ³	N/D	H3,F0,R1	

SECTION 3 HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

Very corrosive to the eyes, skin, and mucous membranes. Vapors cause mild irritation to the eyes and upper respiratory tract; high concentrations may be anesthetic.

ROUTE OF EXPOSURE

INHALATION:
EYE CONTACT:
SKIN CONTACT:
INGESTION:

SIGNS AND SYMPTOMS

Vapors cause mild irritation of eyes and upper respiratory tract; high concentrations may be anesthetic.
 Irritating, and may injure eye tissue if not removed promptly.
 May cause irritation.
 Poison by ingestion. Large exposure may be fatal.

PRIMARY ROUTE(S)

Yes
 Yes
 Yes
 No

SUMMARY OF CHRONIC HAZARDS:

Prolonged skin contact may result in irritation and possible chemical burns. Prolonged eye contact may result in permanent corneal damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

SECTION 4 FIRST AID MEASURES

INHALATION:

If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

EYE CONTACT:

Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.

SKIN CONTACT:

Wash with soap and water. Remove contaminated clothing. If irritation occurs, seek medical attention.

INGESTION:

If swallowed, call a physician immediately. Give large amounts of water. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: 53°F (47°C) SETA CC

FLAMMABILITY LIMITS: LEL: 2.5% UEL: 12%

EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Hazardous decomposition products possible (see Section 10). Dike fire control area as run-off may create additional fire hazard and environmental contamination.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable – low flash point. Burning liquid may float on water. Moderately explosive when exposed to heat or flame.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

SECTION 7 STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air purifying or supplied air respirators.

VENTILATION – LOCAL EXHAUST: Acceptable

SPECIAL: Explosion-proof equipment.

MECHANICAL (GENERAL): Preferable

OTHER: N/A

PROTECTIVE GLOVES: Wear non-permeable gloves.

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or equivalent).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 180°F (82°C) @ 760mm Hg	SPECIFIC GRAVITY (H₂O = 1): 0.785
VAPOR PRESSURE (mm Hg): <5 @ 68°F (20°C)	MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): >1	EVAPORATION RATE (ETHYL ACETATE = 1): 2.5
SOLUBILITY IN WATER: Soluble	APPEARANCE/ODOR: Clear liquid/Sharp odor

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks, open flames, and strong oxidizing conditions.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGY INFORMATION

CARCINOGENICITY: NTP: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

<u>SUBSTANCE</u>	<u>CAS NO.</u>	<u>LD50</u>	<u>LC50</u>
Alcohol	Proprietary	Oral-Rat LD50:5045 mg/kg	Inhalation-Rat LCLo:16,000 ppm/4H
Caustic	Proprietary	Oral-Rat LD50:273 mg/kg	N/D

SECTION 12 ECOLOGICAL INFORMATION

<u>SUBSTANCE</u>	<u>FOOD CHAIN CON POTENTIAL</u>	<u>WATERFOWL TOXICITY</u>	<u>BOD</u>	<u>AQUATIC TOXICITY</u>
Alcohol	N/A	N/A	133%	900-1100 ppm/24 hr/chub
Caustic	None	N/A	None	80 ppm/24 hr/mosquito fish/TLm

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: RCRA classified hazardous waste. Dispose of absorbed materials and liquid waste in accordance with all local, state and federal regulations.

SECTION 14 TRANSPORTATION INFORMATION

DOT: Flammable Liquid, Corrosive N.O.S., (contains Alcohol & Caustic), Class 3, UN 2924, PG III, ERG#132
 Quarts and less: Consumer Commodity, ORM-D
OCEAN (IMDG): Flammable Liquid, Corrosive N.O.S., (contains Alcohol & Caustic), Class 3.3, UN 2924, PG III, IMDG#3346, EMS#3-02, MFAG#760
AIR (IATA): Flammable Liquid, Corrosive N.O.S., (contains Alcohol & Caustic), Class 3, UN 2924, PG III, ERG#132
WHMIS (CANADA): Class B-2, E

SECTION 15 REGULATORY INFORMATION

<u>SUBSTANCE</u>	<u>SARA 313</u>	<u>TSCA INVENTORY</u>	<u>CERCLA RQ</u>	<u>RCRA CODE</u>
Alcohol	No	Yes	N/A	N/A
Caustic	No	Yes	1,000 lb.	N/A

SECTION 16 OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazardous Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, express or implied is made. Consult RectorSeal for further information: (713) 263-8001.