

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

DIS-DEO

PRODUCT CODE: #072

CHEMICAL FORMULATION: DISINFECTANT & DEODORANT SPRAY

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
ISOPROPYL ALCOHOL	67-63-0	400ppm	400ppm		
TRIETHYLENE GLYCOL*	112-27-6	N/A	5 mg/m3		5-10%
PROPANE	74-98-6	1000ppm	1000ppm		
ISOBUTANE	75-28-5	N/E	800ppm		

*SARA 313 Information:

Subject to the reporting and supplier notification of SARA 313.

*RQ #2 N/A

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT ($^{\circ}$ F): N/A MELTING POINT: N/A
VAPOR PRESSURE (psig@25C): 50psig SPECIFIC GRAVITY (H2O=1): 0.84
VAPOR DENSITY (AIR=1) >1
SOLUBILITY IN WATER: SOLUBLE EVAPORATION RATE (Butyl Acetate =1): <1
pH (@25C): 13.5
APPEARANCE AND ODOR: WATER WHITE CLEAR MIST-ALCOHOL

IV - FIRE AND EXPLOSION HAZARD

FLAME PROJECTION: 18INCHES

(TEST METHOD):

FLAMMABLE LIMITS: N/E

UPPER:

LOWER:

EXTINGUISHING MEDIA: CO2, STANDARD FOAM, DRY CHEMICAL, HALON.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF- CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARD: EXPOSURE TO TEMPERATURES OVER 120 DEGREES F. MAY CAUSE BURSTING OR VENTING. HEAT OR FIRE MAY CAUSE HAZARDOUS FUMES: CARBON MONOXIDE

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: OXIDIZING MATERIALS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OPEN FLAMES MAY PRODUCE CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: SOURCES OF HEAT

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VI - HEALTH AND HAZARD DATA

GENERAL: TOXICITY INFORMATION IS NOT AVAILABLE FOR THESE FINISHED PRODUCTS. THIS HEALTH HAZARD ASSESSMENT IS BASED ON INFORMATION AVAILABLE FOR THE COMPONENTS IN THE FINISHED PRODUCT.

THRESHOLD LIMIT VALUE: N/E

OSH & ACGIH: N/R

CARCINOGEN - NTP & IARC: NOT CONSIDERED A CARCINOGEN

SYMPTOMS OF EXPOSURE

IF IN EYES: MAY CAUSE IRRITATION, REDNESS, OR WATERING

IF ON SKIN: MAY CAUSE ITCHING, DRYNESS, REDNESS, OR IRRITATION

IF INGESTED: NAUSEA, HEADACHE, VOMITING

IF INHALED: LARGE AMOUNTS OF VAPORS MAY CAUSE NAUSEA, OR DIZZINESS.

MEDICAL COND. AGGRAVATED BY EXP: SKIN SENSITIVITY, CHEMICAL ALLERGIES

PRIMARY ROUTES OF ENTRY: EYES, SKIN, INGESTION, INHALATION

EMERGENCY FIRST AID

IF IN EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

IF ON SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

IF INGESTED: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

IF INHALED: REMOVE TO FRESH AIR

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. DIKE AREA IF POSSIBLE FOR MATERIAL RECOVERY. SMALL QUANTITIES MAY BE ABSORBED WITH ABSORBENT MATERIALS.

WASTE DISPOSAL METHOD: DISPOSE OF IN A MANNER APPROVED BY LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS EPA STANDARDS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: GENERAL VENTILATION RECOMMENDED TO MAINTAIN THE LEVEL OF THE HAZARDOUS INGREDIENTS TO LESS THAN HALF OF THE TLV.

RESPIRATORY PROTECTION: NOT REQUIRED

PROTECTIVE GLOVES: RUBBER GLOVES. FOR SHORT USAGE NONE REQUIRED

EYE PROTECTION: SAFETY GOGGLES. FOR SHORT USAGE NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE WHERE TEMPERATURES EXCEED 120 DEGREES FAHRENHEIT.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES: N/A

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Prepared By:

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