

MATERIAL SAFETY DATA SHEET

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

COIL-X (AEROSOL)

PRODUCT CODE: #060N

CHEMICAL FORMULATION: COIL CLEANER

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH: 2

FLAMMABILITY: 1

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 #	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
DIETHYLENE GLYCOL MONOETHYL ETHER*	111-90-0	N/E	N/E		1-3%
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	50ppm	25ppm		1-3%
PROPANE	74-98-6	1000ppm	1000ppm		
ISOBUTANE	75-28-5	N/E	800ppm		

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 (C/F): N/A MELTING POINT: N/A
VAPOR PRESSURE (psig @ 25 C) 50 SPECIFIC GRAVITY (WATER = 1): 1.02
CORROSION RATE: N/A FREEZING POINT: N/A
VAPOR DENSITY (AIR = 1): >1 VOC CONTENT (% by weight): N/A
SOLUBILITY IN WATER: SOLUBLE EVAPORATION RATE (Butyl Acetate = 1): <1
pH (@ 25 C): 11.8
APPEARANCE AND ODOR: WHITE FOAM-SWEET ODOR

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (F/(C)): NONE (TEST METHOD):
FLAMMABLE LIMITS: N/E UPPER: N/A LOWER: N/A
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°F MAY CAUSE BURSTING OR VENTING. HEAT OR FIRE MAY CAUSE HAZARDOUS FUMES. CARBON MONOXIDE.

V - REACTIVITY DATA

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

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PRODUCT NAME: COIL-X (AEROSOL)

PRODUCT CODE: #60A

VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?

HEALTH HAZARDS (ACUTE & CHRONIC):

CARCINOGENICITY: NTP?N/A IARC MONOGRAPHS?N/A OSHA REGULATED? N/A

EFFECTS OF OVEREXPOSURE

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

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

IF SWALLOWED: NAUSEA, HEADACHE, VOMITING

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

EMERGENCY AND FIRST AID PROCEDURES

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 SWALLOWED: 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

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°F.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

WORK/HYGIENIC PRACTICES :

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