

AIROSOL COMPANY, INC.

MCKAY CHEMICALS *MECHANICS BRAND*

11th & Illinois, PO Box 120, Neodesha KS 66757 - Phone 316/325-2666

MATERIAL SAFETY DATA SHEET

EMERGENCY INFORMATION

MEDICAL: 1-800-633-9576
800-535-5053

TRANSPORTATION: 1-

SECTION ONE

PRODUCT NAME: **Mechanics Brand MP-25 RUST
BUSTER**

PRODUCT CODE: **50250mb**

ISSUE DATE: 9/15/2000

SECTION TWO-HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	EXPOSURE LIMITS				CAS NO
	OSHA	ACGIH	OTHER	%	
Propane 98-6		1000 ppm	NE	N/A	1-5 74-
ISO-Butane 28-5		NE	NE	N/A	15-20 75-
Petroleum Distillates 8008-20-6		100 ppm	100 ppm	N/A	70-75
2-Butoxy Ethanol		25 ppm	25ppm	25 ppm*	2-3 111-76-2
Petroleum Oil 5		5 mg/m3	5 mg/m3	10 mg/m3	5-10 64742-52-

ABBREVIATIONS

NE: None established NA: Not applicable +: ACGIH *: CAL OSHA N/D: Not determined "STEL":
Short term exposure limit ACGIH "STEL" for oil mists is 10 Mg/M3

SECTION THREE - PHYSICAL DATA

BOILING POINT: (N/D)

VAPOR PRESSURE (mmHg or psig @ 70F): 40
psig

psig

VAPOR DENSITY (AIR=1): Heavier Than

VOC CONTENT % BY WT.: 88 %

SPECIFIC GRAVITY (H₂O=1): 0.70- 0.72

SOLUBILITY IN WATER % BY WT.: ~3 %

EVAPORATION RATE (BUTYL ACETATE=1): Slower than

APPEARANCE AND ODOR: Amber liquid with paint thinner like odor

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D FLAMMABLE LIMITS: UEL 10.6% LEL 1.1%

EXTINGUISHING MEDIUM: As appropriate for combustibles in area

FIRE AND EXPLOSION HAZARD DATA

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills that have not ignited, water spray can be used to disperse the flammable vapor and protect personnel attempting to stop the leak. Do not use direct stream of water because product will float and can be reignited on the surface of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBAS in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition as vapor may ignite. Carbon oxides may be formed.

SECTION FIVE - REACTIVITY DATA

STABILITY: Stable, avoid open flames and high temperatures (above 120°F) and direct sunlight

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield carbon monoxide and/or carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur

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**PRODUCT NAME: Mechanics Brand MP-50 RUST
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SECTION SIX - HEALTH HAZARD DATA**EFFECTS OF OVER EXPOSURE**

EYE CONTACT: Direct contact with the liquid or mists or overexposures to the vapor may be irritating, causing tearing, stinging, redness, and swelling.

SKIN CONTACT: Repeated or prolonged contact may cause mild skin irritation resulting in redness, burning, drying, and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

SKIN ABSORPTION: Not likely when used as directed.

INGESTION: Not likely as an aerosol, but ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression such as headache, drowsiness, dizziness, loss of coordination, and fatigue.

INHALATION: Prolonged, repeated, or intentional abuse may be harmful or fatal. Effects of overexposure

may include irritation of the nose and throat and signs of nervous system depression: headache, drowsiness, dizziness, loss of coordination, and fatigue. Overexposure may cause respiratory symptoms associated with pre-existing lung disorders; asthma-like conditions, to be aggravated.

SYSTEMIC AND OTHER EFFECTS: None known.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: In case of contact, immediately flush eyes with large amounts of water for at least 15 minutes, occasionally lifting upper and lower eyelids. If irritation occurs, get medical attention.

SKIN CONTACT: In case of contact, wash with soap and water for at least 15 minutes. If irritation occurs call a physician. Wash clothing before reuse.

INHALATION: If affected, move person to non-contaminated fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately if symptoms persist.

INGESTION: Ingestion is not likely as an aerosol but, if ingested, do not induce vomiting. Give one to two glasses of water. Keep victim's head below hips or on left side with head down. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

SECTION SEVEN - ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Ventilate area-especially low places where heavy vapors might collect. extinguish all ignition sources. Contain spill and cover with inorganic absorbent material. Collect spilled material. Place into an approved DOT container for disposal. Clean up residue with water. Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

WASTE DISPOSAL METHOD: In accordance with local, state, and federal regulations. For large spills, remove to a permitted disposal facility. For small spills, dry inorganic material on plastic in direct sunlight and landfill.

SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS

Store in tightly sealed containers. Keep away from heat, sparks, and open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist, or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Do not throw empty container into fire. Read label before using.

SECTION NINE - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): If use conditions generate large amounts of vapors or mists, select one of the following NIOSH approved respirators based on airborne concentration of contaminants in accordance with OSHA regulations. Full face organic vapor and acid gas respirator, full face supplied air respirator or full face pressure demand self-contained breathing apparatus.

VENTILATION: Local mechanical exhaust ventilation capable of maintaining emissions at the point of use

below the PEL/TLV.

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PRODUCT NAME: **Mechanics Brand MP-50 RUST
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SECTION NINE - SPECIAL PROTECTION INFORMATION (continued)

PROTECTIVE GLOVES: Any lined non-permeable rubber gloves.

EYE PROTECTION: Chemical resistant safety glasses with protective side shields.

OTHER PROTECTIVE EQUIPMENT: Non-permeable clothing to protect all skin from liquid contact.

PREVENTION OF ACCIDENTAL INGESTION: Do not eat or drink around this product when using it.

Wash exposed areas with soap and water when finished using.

SECTION TEN - REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
None listed		

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 cfr 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #S
Not applicable			

CALIFORNIA PROPOSITION 65 None listed

MASSACHUSETTS RIGHT TO KNOW: Yes

2-Butoxy Ethanol	111-76-2	3.0%
ISO-Butane	75-28-5	20.0%
Propane	74-98-6	5.0%

PENNSYLVANIA RIGHT TO KNOW:

2-Butoxy Ethanol	111-76-2	3.0%
ISO-Butane	75-28-5	20.0%
Propane	74-98-6	5.0%

NEW JERSEY RIGHT TO KNOW: Yes

2-Butoxy Ethanol	111-76-2	3.0%
ISO-Butane	75-28-5	20.0%
Propane	74-98-6	5.0%

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOC'S: 88%

NFPA RATING AS AN AEROSOL: Level three

HMIS: HEALTH 2 REACTIVITY 0 FLAMMABILITY 4

CARCINOGENITY CHEMICAL IARC NTP OSHA
NOT LISTED

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