

AIROSOL COMPANY, INC.**MCKAY CHEMICALS****MECHANICS BRAND**

1101 Illinois, PO Box 120, Neodesha KS 66757 - Phone 620-325-2666

EMERGENCY INFORMATIONMEDICAL: 1-800-633-9576
800-535-5053

TRANSPORTATION: 1-

SECTION ONEPRODUCT NAME: MECHANICS BRAND ENGINE
DEGREASER

PRODUCT CODE: 50205MB

ISSUE DATE: 06/11/92 Revision #03 Date Revised 02/20/2002

SECTION TWO

HAZARDOUS COMPONENTS	EXPOSURE LIMITS				CAS NO	
	OSHA	ACGIH	OTHER	%		
Carbon Dioxide 9		5000 ppm	5000 ppm	15000 ppm(2)	3-5	124-38-
Aliphatic Petroleum Distillate 6	NE		NE	14 ppm(1)	50-55	68476-34-
Alkylaryl Polyether Alcohols	NE		NE	NA	1-5	9014-92-0
Aromatic Hydrocarbon 5	10 ppm		10 ppm	100(3)	40-45	64742-94-
Napthalene	10 ppm		10 ppm	15 ppm(2)	>3	91-20-3

ABBREVIATIONSNE: None established NA: Not applicable (1): NIOSH guidelines (2): OSHA "STEL" guidelines
"STEL": short term exposure limit N/D: Not determined (3) Manufacturer Recommendation**SECTION THREE - PHYSICAL DATA**

BOILING POINT: N/D

VAPOR PRESSURE (mmHg or psig @ 70F): 110

psig

VAPOR DENSITY (AIR=1): Greater than

SPECIFIC GRAVITY (H₂O=1): .79-.83

SOLUBILITY IN WATER % BY WT.: Miscible

VOC CONTENT % BY WT.: 45%

EVAPORATION RATE (Butyl Acetate=1): Slower than

APPEARANCE AND ODOR: Yellow straw liquid with a fruity odor.

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >140°F **FLAMMABLE LIMITS:** UEL 11.8% LEL 0.7%

EXTINGUISHING MEDIUM: Dry chemical, alcohol foam or CO₂

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 combustible mixture and protect personnel attempting to stop the leak.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBA'S 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 away 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 temperature (above 120°F) and direct sunlight.

INCOMPATIBILITY: Strong oxidizers, permanganates, chromates, peroxides, selected amines, strong acids, Nitric acid, Sulphuric acid, and strong bases.

Page 1 of 3

**PRODUCT NAME: MECHANICS BRAND ENGINE
DEGREASER
PRODUCT CODE: 50205MB**

SECTION FIVE - REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides can form on incomplete combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION SIX - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE

EYE CONTACT: Moderate to severe eye irritation: symptoms can include burning, redness, swelling, tearing, and hazy vision.

SKIN CONTACT: After prolonged or repeated contact symptoms can include redness, swelling, blistering,

itching, and dryness.

SKIN ABSORPTION: May be absorbed if prolonged and repeated contact occur. Washing the skin between uses with soap and water greatly reduces the harmful effects of some petroleum oils.

INGESTION: Not likely as an aerosol but, if swallowed, can be harmful or fatal.

INHALATION: May be harmful or fatal if inhaled. May cause respiratory tract irritation. High levels may cause headache, dizziness, nausea, vomiting, incoordination, unconsciousness and even death.

Signs and symptoms of exposure to this material through breathing, swallowing, may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), lung irritation, central nervous system depression, (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), loss of coordination, confusion, irregular heartbeat, narcosis, (death or sluggish feeling), convulsions, coma, and death.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: In case of contact, immediately flush eyes with large amounts of water for 15 minutes lifting upper and lower eyelids. If irritation or other symptoms persist, call a physician.

SKIN CONTACT: In case of contact, immediately flush skin with large amounts of water. Remove contaminated clothing. If irritation is severe, call a physician immediately. Wash clothing before reuse. Destroy or properly dispose of contaminated shoes.

INHALATION: If inhaled, move person to non-contaminated 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. Never give anything by mouth to an unconscious person. Call a physician immediately. Gastric lavage should be only considered by medical personnel following intubation with a cuffed endotracheal tube.

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. Cover with inorganic absorbent material. Collect spilled material. Clean up residue. Place in approved DOT container for disposal. Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

WASTE DISPOSAL METHOD: Reclaim by distillation if possible or remove to a permitted waste disposal facility in accordance with local, state and federal regulations.

REGULATORY INFORMATION: Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, from the container, the user should determine if release is reportable.

SARA HAZARD CLASS:

FIRE HAZARD: Yes Pressure: Yes Reactivity: No Acute: Yes Chronic: Yes

SECTION EIGHT -HANDLING AND STORAGE PRECAUTIONS

Store in tightly sealed containers. Keep away from heat, sparks, & 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 sunlight. Store containers below 120°F. Read label before using. Do not smoke when handling or using this product. Do not throw empty container into fire.

Page 2 of 3

**PRODUCT NAME: MECHANICS BRAND ENGINE
DEGREASER
PRODUCT CODE: 50205MB**

SECTION NINE - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Select one of the following Niosh approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Full-face organic vapor and acid gas respirator, full-face supplied air respirator, full-face pressure demand self-contained breathing apparatus.

PROTECTIVE GLOVES: Any lined non-permeable rubber gloves like buna or nitrile.

EYE PROTECTION: Wear unvented goggles during operations in which exposure is likely. Wear full face shield.

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

RECOMMENDED VENTILATION: Use with appropriate local exhaust ventilation. Provide appropriate local exhaust at transfer points. Provide appropriate local exhaust ventilation on open containers. If exhaust ventilation is not adequate, use appropriate respiratory protection.

PREVENTION OF ACCIDENTAL INGESTION: Do not eat or drink or wear facial cream when using this product. Do not swallow. Wash exposed areas thoroughly with soap and water.

SECTION TEN

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
Naphthalene	91-20-3	< 3.0

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
Naphthalene	91-20-3	< 3.0	

CALIFORNIA PROPOSITION 65 None listed

MASSACHUSETTS RIGHT TO KNOW: Yes

Carbon Dioxide	124-38-9	3.0
Napthalene	91-20-3	<3.0

PENNSYLVANIA RIGHT TO KNOW: Yes

Carbon Dioxide	124-38-9	3.0
Napthalene	91-20-3	<3.0

NEW JERSEY RIGHT TO KNOW: YES

Carbon Dioxide	124-38-9	3.0
----------------	----------	-----

Napthalene

91-20-3

<3.0

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOC'S: 75.0%

NFPA RATING AS AN AEROSOL: LEVEL THREE (3)

HMIS: Health 2 Reactivity 0 Flammability 2

CARCINOGENICITY

CHEMICAL

IARC

NTP

OSHA

None Listed

NOTE: THE INFORMATION IN THIS DOCUMENT IS BELIEVED TO BE CORRECT AS OF THE DATE ISSUED. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. THIS INFORMATION AND PRODUCT ARE FURNISHED "AS IS" AND ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE THEIR OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR THEIR PARTICULAR PURPOSE AND ON THE CONDITION THAT THEY ASSUME THE RISK OF THEIR USE THEREOF.