

AIROSOL COMPANY, INC.

MCKAY CHEMICALS

MECHANICS BRAND

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **FUEL SYSTEM WATER REMOVER 12 Fl oz**
PRODUCT CODE: **50110**

Hmis Codes: H F R P
1 3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Airosol Company, Inc.
ADDRESS: PO Box 120, Neodesha KS 66757
EMERGENCY PHONE: 1-800-535-5053
INFORMATION PHONE: 1-800-633-9576
DATE REVISED: 04-29-2002

SECTION I I- HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS				%
		TWA/PEL	TLV	OSHA	ACGIH	
Methyl Alcohol	67-56-1	200 ppm	200 ppm	200 ppm	200 ppm	75-80
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	400 ppm	400 ppm	15-20

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 147°F
VAPOR DENSITY: <1 (Air = 1)
APPEARANCE AND ODOR: Alcohol odor, Green liquid

SPECIFIC GRAVITY: 0.782 @ 77°F
EVAPORATION RATE: 2.1 (n-Butyl Acetate=1)
SOLUBILITY IN WATER: Soluble

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 53°F
METHOD USED: PMCC

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 2% UPPER: 36%

EXTINGUISHING MEDIA: Water spray, dry chemical, or alcohol foam.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

SECTION V- REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Presence of incompatible materials and ignition sources

INCOMPATIBILITY (MATERIALS TO AVOID): Caustics, amines, strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION VI- HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Inhalation of high airborne concentration can irritate mucous membranes, cause headaches, sleepiness and death.

NATURE OF HAZARD:

EYES: High vapor concentration or liquid contact causes irritation, tearing and burning.

INGESTION: Swallowing Methanol is life threatening. Onset of symptoms may be delayed for 18 to 24 hours after ingestion. Swallowing even small amounts of methanol may cause blindness and death, other effects may be nausea, headache, abdominal pain, vomiting, and visual disturbances ranging from blurred vision to light sensitivity. **CANNOT BE MADE NONPOISONOUS.**

CARCINOGENICITY: NTP? IARC? OSHA REGULATED?

Presently not on any list

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: If medical aid is not immediately available **DO NOT INDUCE VOMITING.** Get medical attention immediately. Do not give anything to an unconscious or convulsing person. Keep victim's head below hips while vomiting so victim does not breathe the vomitus into his lungs. Ingestion of as little as 60 ml may cause blindness or fatality.

INHALATION: Remove patient to fresh air. Give artificial respiration. Get medical attention immediately.

SKIN AND EYE CONTACT:

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Hold eyelids apart to ensure complete flushing. Do not attempt to neutralize with chemical agents. Get medical help immediately.

SKIN: Remove contaminated clothing and wash under shower for 15 minutes. Seek medical attention if irritation occurs. Get medical attention if irritation persists after washing. Do not wear clothing until washed.

NOTE TO PHYSICIANS: Provide standard methanol ingestion treatment. To prepare the antidote, make a solution using 100 ml or 100 proof ethyl alcohol (grain alcohol) in 2000 ml of water and give 1.5 ml/kg body weight or 100 ml for an average adult. Following this at 2 hour intervals for four days, give the antidote (0.5-1.0 ml/kg of body weight, orally or intravenously) to reduce the metabolism of the methanol and allow time for its excretion. Blood ethanol levels should be 1.0-1.5 mg/ml.

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, avoid breathing vapors, and remove with inert absorbent. Dispose of as hazardous waste.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations regarding pollution.

NOTE: Empty containers can have residues, gases, and mists and are subject to proper waste disposal as above.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks, or open flame. Store in tightly sealed containers in a cool dry well-ventilated place away from incompatible materials. Vent containers if needed on extremely warm days to relieve pressure. Do not store in direct sunlight, above 120° F or discard in trash compactor.

SECTION VIII- CONTROL MEASURES

RESPIRATORY PROTECTION: Usually not required if it is used as it is described on the label. If necessary, wear a NIOSH approved respirator appropriate for emissions levels.

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SECTION VIII- CONTROL MEASURES (continued)

VENTILATION: Provide adequate ventilation to keep mist or vapors below allowable exposure levels. A local mechanical exhaust ventilation capable of maintaining emissions at the point of use below the PEL/TLV

PROTECTIVE GLOVES: For prolonged or repeated contact, wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION: Recommend safety glasses with unperforated sideshields.

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

WORK/HYGIENIC PRACTICES: Wash hands after use.

SECTION IX- REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemical(s) subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
67-56-1	Methyl Alcohol	79

All chemical compounds marked with an Asterick() are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act (SARA) of 1985 and 40 CFR Part 372. You must notify each person to whom the mixture or trade name product is sold. This statement remains a part of the Material Safety Data Sheet.

California Proposition 65	No		
Massachusetts Right to Know	Yes		
Methanol		67-56-1	75-80
Isopropyl Alcohol		67-63-0	15-20
Pennsylvania Right to Know	Yes		
Methanol		67-56-1	75-80
Isopropyl Alcohol		67-63-0	15-20
New Jersey Right to Know	Yes		
Methanol		67-56-1	75-80
Isopropyl Alcohol		67-63-0	15-20

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOCS: N/A

NFPA RATING AS AN AEROSOL: N/A

SARA HAZARD CATEGORIES AND LISTS

PRODUCT HAZARD CATEGORIES

CHRONIC HEALTH: Yes ACUTE HEALTH: Yes FIRE HAZARD: Yes PRESSURE HAZARD: No

REACTIVITY HAZARD: No

EXTREMELY HAZARDOUS SUBSTANCE: No

CERCLA HAZARDOUS SUBSTANCE: Yes

TOXIC CHEMICAL: Yes

CARCINOGENICITY **CHEMICAL** **IARC** **NTP** **OSHA**

Not listed

SECTION X- DISCLAIMER

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