

AIROSOL COMPANY, INC.

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Mechanics Brand Battery Terminal Cleaner**
PRODUCT CODE: **50200MB**

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
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SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS				CAS NO.
	OSHA	ACGIH	OTHER	%	
Deionized Water	NE	NE	N/A	70-76	7732-18-5
Ethylene Glycol Monobutyl Ether	25 ppm	20 ppm	N/A	1-2	111-76-2
Triethanolamine	N/D	5 mg/m ³	N/A	0.5-1	102-71-6
Sodium Bicarbonate	10 mg/m ³	10 mg/m ³	N/A	1-2	144-55-8
Oleic Acid	NE	NE	N/A	2-3	61790-12-3
Severely Hydrotreated Heavy Naphthenic Distillate	5 mg/m ³	5 mg/m ³	N/A	0.5-1	64742-52-5
Methyl Orange	NE	NE	N/A	0.005-0.01	547-58-0
Butane	800 ppm	800 ppm	N/A	5-10	106-97-8
Propane	1000 ppm	NE	N/A	1-5	74-98-6

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: ND
VAPOR DENSITY: (air=1) greater than
APPEARANCE AND ODOR: Orange with light ethereal odor

SPECIFIC GRAVITY: (H₂O=1) 0.9 -1.2
VAPOR PRESSURE: (mmHg or psig @ 70°F) 30 psig
SOLUBILITY IN WATER: Completely
VOC CONTENT % BY WT: 12%

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Undetermined
METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:
LOWER: 1.1 % UPPER: 10.8 %

EXTINGUISHING MEDIA: Dry chemical, alcohol foam, or CO₂.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, 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 leak. Do not use direct stream of water because product 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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBAs in positive pressure mode with full face shield. Eliminate all sources of ignition as vapor may ignite. Carbon oxides may be formed.

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SECTION V- REACTIVITY DATA

STABILITY: Stable. Avoid open flames, welding arcs or other high temperature sources, which induce thermal decomposition. Avoid direct sunlight.

INCOMPATIBILITY: Strong oxidizers, strong alkalies.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

EYES: Considered irritating to the eye. Symptoms include stinging, watering, redness, and swelling.

SKIN CONTACT: Prolonged exposure may cause defatting of the skin which could lead to dryness and cracking. People prone to skin sensitiveness may be more sensitive to this product.

SKIN ABSORPTION: Unlikely that this product would absorb into skin and cause damage.

INGESTION: Slightly toxic by ingestion. This product may cause irritation. **There is a danger of this product being aspirated into the lungs during vomiting. Aspiration can result in severe lung damage or death.**

INHALATION: May be irritating to respiratory tract at very high concentrations.

SYSTEMIC AND OTHER EFFECTS: None known.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: In case of contact, immediately flush eyes with large amounts of water for 15 minutes. Make sure to remove contact lenses and lift eyelids to ensure complete flushing. If irritation occurs, contact physician immediately.

SKIN: Immediately wash contaminated area thoroughly with soap and water. Remove and launder contaminated clothing before use. If irritation is severe, contact physician immediately.

INHALATION: Move person to area with fresh air. If breathing has stopped, give CPR. If breathing is difficult, give oxygen. Contact physician immediately.

INGESTION: Unlikely as an aerosol but, if ingested, **DO NOT INDUCE VOMITING.** If spontaneous vomiting is about to occur, place the victim's head below their knees to prevent aspiration. Never give anything by mouth to an unconscious person. Call physician immediately.

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

ENVIRONMENTAL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE LARGE AMOUNT OF MATERIAL IS RELEASED OR SPILLED: Ventilate area. 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 permitted waste disposal facility in accordance with federal, state, and local regulations.

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SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE (continued)

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

ENVIRONMENTAL DATA: No data available.

SECTION VIII- HANDLING AND STORAGE PRECAUTIONS

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 or mist. Do not store or transfer to unmarked container. Do not store in direct sunlight. Store containers below 120° F. Read label before using. Do not smoke when handling or using this product.

SECTION IX - 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 CLOTHING OR 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 X – REGULATORY INFORMATION

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

Chemical	CAS Number	Concentration %
Ethylene glycol monobutyl ether	111-76-2	1-2

Federal EPA: Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) requires 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
None listed		

CALIFORNIA PROPOSITION 65: None Listed

MASSACHUSETTS RIGHT TO KNOW:

Ethylene glycol monobutyl ether	111-76-2	1-2
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SECTION X – REGULATORY INFORMATION (continued)

Chemical	CAS Number	Concentration %
PENNSYLVANIA RIGHT TO KNOW:		
Ethylene glycol monobutyl ether	111-76-2	1-2
NEW JERSEY RIGHT TO KNOW:		
Ethylene glycol monobutyl ether	111-76-2	1-2

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOCs: N/A

NFPA RATING AS AN AEROSOL: Level 1

HMIS: HEALTH 1 REACTIVITY 0 FLAMMABILITY 0

CARCINOGENICITY	CHEMICAL	IARC	NTP	OSHA
None Listed				

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