

AIROSOL COMPANY, INC.
MCKAY CHEMICALS **MECHANICS BRAND**
1206 Illinois, PO Box 120, Neodesha KS 66757 - Phone 620-325-2666

MATERIAL SAFETY DATA SHEET

EMERGENCY INFORMATION

MEDICAL: 1-800-633-9576

TRANSPORTATION: 1-800-535-5053

SECTION ONE

PRODUCT NAME: **Mechanics Brand Electronics Cleaner**
PRODUCT CODE: **2713**
ISSUE DATE: 08/23/2010

SECTION TWO-HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	EXPOSURE LIMITS				
	OSHA	ACGIH	OTHER	%	CAS NO
Acetone	750 ppm	750 ppm	N/A	5-15	67-64-1
2-Propanol	400 ppm	400 ppm	500 ppm*	5-15	67-63-0
1,1,1,2-Tetrafluoroethane	1000 ppm	1000 ppm	NA	70-90	811-97-2

NOTE: ND: Not determined, N/A: Not applicable, NE: None established *: ACGIH "STEL" Recommendation STEL: Short term exposure level

SECTION THREE - PHYSICAL DATA

BOILING POINT: N/D VAPOR PRESSURE (mmHg or psig @ 70°F): 75 psig
VAPOR DENSITY (AIR=1): Heavier than SPECIFIC GRAVITY (H₂O=1): (concentrate) 0.77-0.79
SOLUBILITY IN WATER % BY WT.: 100 % VOC CONTENT % BY WT.: 90 %
EVAPORATION RATE (BUTYL ACETATE=1): Faster Than
APPEARANCE AND ODOR: Colorless Liquid with Alcohol odor

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D FLAMMABLE LIMITS: UEL 12.8 % LEL 2.0 %
EXTINGUISHING MEDIUM: Dry chemical, CO₂, alcohol foam, water spray. Do not use a direct water stream.
FIRE AND EXPLOSION HAZARD DATA
SPECIAL FIREFIGHTING 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. 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 product and vapor and protect personnel attempting to stop the leak. Do not use direct water stream.
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 the ground away from the handling site. Eliminate all sources of ignition as vapor may ignite.

SECTION FIVE - REACTIVITY DATA

STABILITY: Stable, avoid open flames
INCOMPATIBILITY: Caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents, chlorinated compounds, strong alkalis. HAZARDOUS DECOMPOSITION PRODUCTS: May produce carbon monoxide, carbon dioxide, and hydrogen fluoride.
HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION SIX - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE

EYE CONTACT: Vapors will irritate the eyes. Liquid and mists can severely irritate or damage the eyes and cause corneal burns.

SKIN CONTACT: Brief contact may dry the skin, or cause burning or stinging sensation. Prolonged or repeated contact may irritate the skin causing dermatitis.

INGESTION: Swallowing large quantities may cause headaches, nausea, vomiting, stomach cramps and diarrhea, and perhaps unconsciousness, or death.

INHALATION: Vapors and mists irritate the nose and throat. Inhalation of higher concentrations may cause headaches, vomiting, and coma. Inhalation of very high concentrations or prolonged exposure may cause unconsciousness or death.

SYSTEMIC AND OTHER EFFECTS: Prolonged or repeated exposure to high concentrations can produce severe or fatal CNS depression (1,1,1,2-Tetrafluoroethane).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders eye problems, or impaired respiratory function may be more susceptible to the effects of this product.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes, lifting the upper and lower eyelids occasionally. Get immediate medical attention.

SKIN CONTACT: Immediately wash skin with soap and water. Remove contaminated clothing and shoes; and launder before reuse. Get medical attention if irritation persists after washing.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult give CPR. Get immediate medical attention.

INGESTION: This product can cause an aspiration hazard Do Not induce vomiting without consulting medical personnel. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person. Keep victim's head below hips if vomiting to ensure the vomitus does not enter the lungs.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and clinical condition of the patient.

SECTION SEVEN - ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Wear protective equipment including rubber boots, rubber gloves, rubber apron, and a self-contained breathing apparatus in pressure demand mode or a supplied-air respirator. If the spill or leak is small, a full face-piece air-purifying cartridge respirator equipped for organic vapors may be satisfactory. In any event, always wear eye protection. Extinguish all ignition sources and ensure that all handling equipment is electrically grounded. For small spills or drips, mop or wipe up and dispose of in DOT approved waste containers. For large spills, contain by diking with soil or other inorganic non-combustible absorbent material and then pump into DOT approved waste containers; or absorb with non-combustible sorbent material, place residue in dot approved waste containers. Keep out of sewers, storm drains, surface waters and soil. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

WASTE DISPOSAL METHOD: Dispose of contaminated product and materials used in cleaning spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

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

SECTION EIGHT - HANDLING AND STORAGE PRECAUTIONS

Store in tightly sealed containers. Keep away from heat, sparks, and flames. Store in a cool, dry, well-ventilated place away from incompatible materials. Vent containers if needed on extremely warm days to relieve pressure. Electrically ground all equipment when handling this product and use only non-sparking tools. Keep container tightly closed when not in use. Do not store in direct sunlight, above 120°F, or discard in home trash compactor. Do not use pressure to empty container. Do not apply flames or other ignition sources to container even when empty, because container may contain flammable residue. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing.

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SECTION NINE - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): If use conditions generate vapors or mists, wear a NIOSH approved respirator appropriate for those emission levels. Appropriate respirators may be a full face-piece or a half mask air purifying cartridge respirator equipped for organic vapors/mist, a self-contained breathing apparatus in the pressure demand mode, or a supplied air respirator.

VENTILATION: Local mechanical exhaust ventilation capable of maintaining emissions at the point of use below the PEL/TLV.

PROTECTIVE GLOVES: Any lined non-permeable rubber gloves

EYE PROTECTION: Chemical splash goggles

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

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
None listed			

CALIFORNIA PROPOSITION 65 NO

MASSACHUSETTS RIGHT TO KNOW: Yes

Acetone	67-64-1	5-15
2-Propanol	67-63-0	5-15

PENNSYLVANIA RIGHT TO KNOW: Yes

Acetone	67-64-1	5-15
2-Propanol	67-63-0	5-15

NEW JERSEY RIGHT TO KNOW: Yes

Acetone	67-64-1	5-15
2-Propanol	67-63-0	5-15

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

NFPA RATING AS AN AEROSOL: Level One

HMIS: HEALTH 2 REACTIVITY 0 FLAMMABILITY 1

CARCINOGENITY	CHEMICAL	IARC	NTP	OSHA
NOT LISTED				

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