

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 All Purpose Foaming Cleaner**

PRODUCT CODE: **2707**

ISSUE DATE: 8/23/2010

SECTION TWO-HAZARDOUS COMPONENTS

| HAZARDOUS COMPONENTS | EXPOSURE LIMITS | OSHA | ACGIH | OTHER | % | CAS NO |
|----------------------------------|-----------------|---------|-------|--------|------|------------|
| Propane | | 1000ppm | NE | N/A | 5-10 | 74-98-6 |
| Butane | | NE | NE | N/A | 5-10 | 106-97-8 |
| Sodium Dodecyl Benzene Sulfonate | | NE | NE | NE | N/A | 25155-30-0 |
| 2-Butoxy Ethanol | | 25ppm | 25ppm | 25ppm* | 3-5 | 111-76-2 |
| Water | | NE | NE | NE | N/A | 7732-18-5 |

ABBREVIATIONS:

NE: None established NA: Not applicable +: ACGIH *: CAL OSHA N/D: Not determined "STEL": Short term exposure limit

SECTION THREE - PHYSICAL DATA

BOILING POINT: (N/D)

VAPOR PRESSURE (mmHg or psig @ 70°F): 60 PSIG

VAPOR DENSITY (AIR=1): heavier than

SPECIFIC GRAVITY (H₂O=1): 0.95-0.96

SOLUBILITY IN WATER % BY WT.: ~97%

VOC CONTENT % BY WT.: ~7

EVAPORATION RATE (Butyl Acetate=1): Slower than APPEARANCE & ODOR: Colorless liquid white foam when sprayed lemon odor

SECTION FOUR - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D FLAMMABLE LIMITS: UEL ND LEL ND

EXTINGUISHING MEDIUM: As appropriate for combustibles in area.

FIRE AND EXPLOSION HAZARD DATA

SPECIAL FIRE FIGHTING PROCEDURES: This product does contain a flammable propellant and firefighters should wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition if possible. Keep containers cool with water spray. Prevent rupture. Ventilate area. Evacuate all non-trained personnel. Wear full protective clothing including helmet. Contain spill and dike, if possible leaks and 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 the flammable portion will float and can be reignited.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBA's in a positive pressure mode with full face shield. The flammable components 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.

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SECTION FIVE - REACTIVITY DATA (continued)

INCOMPATIBILITY: Strong oxidizers.

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

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION SIX - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

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 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

PRIMARY ROUTES OF ENTRY: Skin or eye contact

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing eye, skin.

EMERGENCY AND FIRST AID PROCEDURES

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

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

INHALATION: If affected, move person to non-contaminated air 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 & 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 fires. Read label before using.

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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.

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 |
|----------------------------------|------------|-----------------------------|------------|
| Sodium Dodecyl Benzene Sulfonate | 25155-30-0 | 2.0 MAXIMUM | 1000 |

CALIFORNIA PROPOSITION 65 None listed

MASSACHUSETTS RIGHT TO KNOW: Yes

| | | |
|----------------------------------|------------|-------|
| Sodium Dodecyl Benzene Sulfonate | 25155-30-0 | 2.0% |
| 2-Butoxy Ethanol | 111-76-2 | 2.0% |
| Butane | 106-97-8 | 5-10% |
| Propane | 74-98-6 | 5-10% |

PENNSYLVANIA RIGHT TO KNOW: Yes

| | | |
|----------------------------------|------------|-------|
| Sodium Dodecyl Benzene Sulfonate | 25155-30-0 | 2.0% |
| 2-Butoxy Ethanol | 111-76-2 | 2.0% |
| Butane | 106-97-8 | 5-10% |
| Propane | 74-98-6 | 5-10% |

NEW JERSEY RIGHT TO KNOW: Yes

| | | |
|----------------------------------|------------|-------|
| Sodium Dodecyl Benzene Sulfonate | 25155-30-0 | 2.0% |
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| Butane | 106-97-8 | 5-10% |
| Propane | 74-98-6 | 5-10% |

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

CALIFORNIA VOC'S: 7%

NFPA RATING AS AN AEROSOL: LEVEL ONE

HMIS: HEALTH 1 REACTIVITY 0 FLAMMABILITY 2

| CARCINOGENICITY | CHEMICAL | IARC | NTP | OSHA |
|-----------------|----------|------|-----|------|
|-----------------|----------|------|-----|------|

NONE LISTED

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SECTION TEN - REGULATORY INFORMATION (continued)

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.