

MATERIAL SAFETY DATA SHEET

Trade Name: M-1 Deck & Roof Cleaner

EMERGENCY TELEPHONE NUMBERS: 800-424-9300 CHEMTREC (transportation & spills)
800-900-4044 Poison Control (human health)
800-966-6175 D-Mand Better Products, LLC

PRODUCT HAZARD RATING: Health = 3, Flammability = 0, Reactivity = 0
(Rating Legend: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant)

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SECTION II – HAZARDOUS INGREDIENT DATA

Sodium Hydroxide (CAS No. 1310-73-2) OSHA PEL: 2mg/m³ ACGIH TLV: 2mg/m³ ceiling
12 -14% in concentrated form (as is).
1 – 2% when product is diluted 9 parts water to 1 part cleaner.
Contains no other ingredients known to be hazardous as defined by OSHA 29 CFR 1910.1000 (subpart Z) and OSHA CFR 29 1910.0200.

SECTION III – PHYSICAL DATA

Boiling Point: 212° F.
Vapor Pressure (mm Hg.): Not known.
Solubility in Water: Complete
Evaporation Rate (n-Butyl Acetate =1): < 1
Appearance and Odor: Yellow-green liquid with mild odor

Specific Gravity (H₂O=1): 1.14 at 60° F.
Vapor Density (Air = 1): Not Applicable
Melting Point: Not applicable

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: None
LEL: Not Applicable
Extinguishing Media: Water, Dry Chemical, CO₂, or alcohol foam. Fire and heat may drive off water leaving a chemical that may burn.
Special Fire Fighting Procedures: When fighting fire in a confined space, wear self-contained breathing apparatus. Cool fire exposed containers with water spray to prevent rupture.
Unusual Fire and Explosion Hazards: None known.

Flammable Limits: Not Applicable
UEL: Not Applicable

SECTION V – HEALTH HAZARD DATA

Inhalation: Concentrate is not volatile so no inhalation should be possible. Avoid breathing spray mist as it may cause damage to upper respiratory tract and lung tissue.
Skin: Product can be destructive to tissue and produce burns. Avoid contact with skin.
Ingestion: Harmful if swallowed. It can cause severe burns and tissue perforation of mucous membranes of the mouth, throat and stomach.

Chronic: Mist or spray of concentrate could result in increased susceptibility to respiratory illness. Concentrate may be corrosive to all body tissue.

Signs & Symptoms of Exposure: Irritation, stinging or burning sensation.

Medical Conditions Generally Aggravated by Exposure: None known

EMERGENCY AND FIRST AID PROCEDURES

Skin: Remove contaminated clothing. Flush skin thoroughly with water for 15 minutes. If skin becomes dry, apply moisturizing cream or petroleum jelly. If skin is burned, seek immediate medical attention.

Eyes: Rinse with water. Remove contacts, if any, and flush with water for 15 minutes. Contact physician if needed.

Inhalation: If respiratory discomfort or irritation occurs, move to fresh air. See a physician if discomfort or irritation continues.

Ingestion: If concentrate is swallowed, do not induce vomiting. Give large quantities of water. Contact physician at once.

SECTION VI – REACTIVITY DATA

Stability: Stable under normal conditions.

Conditions to avoid: None

Incompatibilities: Store away from oxidizers such as aluminum, zinc and tin.

Hazardous Decomposition: None

Hazardous Polymerization: Will not polymerize.

SECTION VII – SPILL OR LEAK PROCEDURES

If material is released or spilled: Soak up with absorbent material.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: If necessary, use MSHA/NIOSH approved air-supplied respirator.

Ventilation: Local exhaust is sufficient, if not available, use mechanical exhaust.

Protective Gloves: Impervious gloves (such as rubber, neoprene, polyethylene) should be used when handling the product.

Eye Protection: Wear goggles in case of splash hazard.

Protective Clothing: Wear appropriate clothing to avoid skin contact.

Other Protective Equipment: During application of product, rubber sole waterproof shoes or boots should be worn.

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store product at temperatures above 55° F. Keep containers closed when not in use. Avoid contact with skin and eyes. Do not ingest. Avoid breathing mist. **Do not sit in solution.**

Other Precautions: Allow product to warm to room temperature before dilution.

Disclaimer of Liability

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