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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: Multi-Scrub  
Product Type: Multi-Purpose Cleaner  
Product Trade Name: 14455

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
SODIUM METASILICATE 6834-92-0	1-5	NA	NA
ETHOXYLATED C9-C11 ALCOHOLS 68439-46-3	1-5	NA	NA
METHYL N,N-BIS-(2- HYDROXYETHYL) ISO- DECYLOXYPROPYL- AMMONIUM CHLORIDE 68478-94-4	1-5	NA	NA

### 3. HAZARDS IDENTIFICATION

Effects of Acute Exposure: Causes severe eye and skin irritation.  
High concentrations of vapor or mist may be harmful or irritating if inhaled.  
Harmful if swallowed

Primary Routes of Entry: Eye and skin contact, inhalation

Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness It is possible that irritation may be severe and lead to burns May cause inflammation of mucous membranes and irritation Ingesting may cause abdominal pain and vomiting

Medical Conditions Recognized as Being Aggravated by Exposure: None known. Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

Chronic Health Hazard: None known

### 4. FIRST AID MEASURES

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention.

Skin Contact: Immediately remove contaminated clothing and excess contaminant. Flush with water for at least 15 minutes. Wash thoroughly with soap and water. Consult a physician if irritation develops

Ingestion: If swallowed, DO NOT induce vomiting. Give victim water, call a physician immediately. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air; get medical attention if symptoms persist

Notes to Physician: Treat symptomatically

### 5. FIRE FIGHTING MEASURES

Flash Point °F(C°): Not Determined

**Product Name:** Multi-Scrub

## 5. FIRE FIGHTING MEASURES

**Recommended Extinguishing Media:**

Carbon dioxide, Dry chemical, Foam

**Special Fire-Fighting Procedures:**

Wear suitable protective equipment. Use water spray to cool exposed containers.

**Hazardous Products of Combustion:**

Oxides of carbon, Oxides of nitrogen

**Unusual Fire/Explosion Hazards:**

Does not sustain combustion (ASTM D4206).

**Sensitivity to Static Discharge:**

Sensitivity to static discharge is not expected

**Mechanical Sensitivity:**

None reasonably foreseeable

**Lower Explosive Limit:**

Not determined

**Upper Explosive Limit:**

Not determined

## 6. ACCIDENTAL RELEASE MEASURES

Spills may cause slippery floors. Prevent spill from entering drainage/sewer systems, waterways and surface water. Notify local health authorities and other appropriate agencies if such contamination occurs.

## 7. HANDLING AND STORAGE

Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Store below 100°F. Do not allow freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses

**Skin:** Chemical resistant gloves

**Ventilation:** Use only in well ventilated area.

**Respiratory Protection:** Not required under normal use

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Odor:** Lemon

**Boiling Point:** ~212°F/~100°C

**Freezing Point:** ~32°F/ ~0°C

**pH:** ~12.6

**Solubility in Water:** Completely soluble

**Specific Gravity:** ~1.033 g/ml

**Vapor Pressure:** ~18 mm Hg

**Vapor Density (Air=1):** >1

**% Volatile:** ~90

**VOC(Wt.%):** <4% by weight

**Evaporation Rate:** <1 (butyl acetate = 1)

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Strong oxidizers

**Conditions to Avoid:** Avoid temperatures greater than 100°F. Freezing conditions.

**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen

## 11. TOXICOLOGICAL INFORMATION

### Product Toxicity

**Eyes:**  
No data available

**Skin:**  
No data available

**Inhalation LC50:**  
No data available

**Oral LD50:**  
No data available

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## 14. TRANSPORTATION INFORMATION

### Ground Transport (DOT)

**DOT Shipping Name:** Not Regulated

**Hazard Class:** None

**UN/ID Number:** None

### TDG(Transport of Dangerous Goods) Canada

**Proper Shipping Name:** Not Regulated

**Hazard Class:** None

**Product Name:** Multi-Scrub

#### 14. TRANSPORTATION INFORMATION

**UN/ID No:** None

#### 15. REGULATORY INFORMATION

**SARA 302 Extremely Hazardous Substances:** None

**SARA 313 Toxic Chemicals:** None

**SARA (311, 312) Hazard Class:** Acute health hazard

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

**California Proposition 65:** No California Prop 65 chemicals are known to be present.

**WHMIS Hazard Class:** D2B TOXIC MATERIALS - IRRITANT

#### 16. OTHER INFORMATION

HEALTH 2, FLAMMABILITY 0, PHYSICAL HAZARD 0, PERSONAL PROTECTION B  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:**

HEALTH 2, FLAMMABILITY 0, REACTIVITY 0

NFPA is a registered trademark of the National Fire Protection Assn.

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