

# MATERIAL SAFETY DATA SHEET

E.M.S.

01-31-11

## SECTION 1- MANUFACTURER INFORMATION

**Manuf/Dist:** EM Systems, Inc.  
1931 West 2425 South  
Woods Cross, Utah 84087

**Preparer/Contact:** Kirk Jenkins  
**Preparation/Revision Date:** January 31, 2011  
**Emergency Phone Numbers:** (801) 292-8051

**Trade Name/Synonyms:** Spot-Away  
**Chemical Names/Synonyms:** Lanudry Pre-Spotter.  
**Chemical Family:** Mixture

**Formula:** Mixture  
**Product Code:** L-19

## HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

Health.....1
Flammability.....0
Reactivity.....0
Protection.....B

## SECTION 2- HAZARDOUS INGREDIENTS

**This product contains hazardous ingredients:** Yes, monoethanolamine 1.0-3.0%

**This product contains carcinogens (NTP, LARC, OR OSHA):** No

## SECTION 3- HEALTH HAZARD DATA

**Health Effects, Acute and Chronic:** Skin irritation, Eye irritation.

**Primary Routes of Entry**

**Inhalation:** N/A

**Eyes:** Flush with water for fifteen minutes. Contact physician

**Skin:** Remove exposed clothing, wash with water.

**Ingestion:** Do not induce vomiting. Drink milk, egg whites, gelatine or water.

**Medical Conditions Aggravated by exposure:** None

**Emergency First Aid Procedures:** In extreme cases, contact physician immediately

## SECTION 4- CHEMICAL DATA

**Boiling Point (F):** 212

**Vapor Pressure (mmHg):** 24

**Vapor Density (AIR=1):** 1

**Specific Gravity (Water= 1):** 1.02

**Percent Volatile by Volume (%):** 89

**Evaporation Rate (N/I= 1):** 0.4

**Solubility in Water:** Complete

**Appearance and Odor Information:** Clear Liquid, Citrus Fragerance

## SECTION 5- PHYSICAL HAZARD DATA

**Flash Point (Method Used):** None

**Flammable Limits:** Lel=N/A UEL=N/A

**Extinguishing Media:** Water, dry foam, CO2

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:**

**Incompatibility (Materials to Avoid):** Highly acidic materials.

**Hazardous Decomposition Products:** None

**Will Hazardous Polymerization occur:** No

**Conditions to Avoid for Polymerization:** None

**Is the Product Stable:** yes

**Conditions to Avoid for Stability:** None

## SECTION 6- SPILL OR LEAK PROCEDURES

**Steps to be Taken in Case material is Released or Spilled:** N/A

**Waste Disposal Methods:** Comply with all federal, state, and local regulations, consult state and local authorities for restrictions on disposal of chemical waste.  
Please recycle empty container whenever possible.

## SECTION 7- EXPOSURE CONTROL INFORMATION

**Ventilation**

**Local Exhaust:** N/A

**Special:** N/A

**Respiratory Protection:** None

**Protective Gloves:** Rubber, neoprene plastic

**Other Protective Equipment:** Safety goggles

**Hygienic Practices:** Wash Hands after handling

**Mechanical:** Yes

**Other:** N/A

**Other Engineering Controls:** None

**Work Practices:** Standard

## SECTION 8- SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling and Storage:** Do not store adjacent to highly acidic materials.

**Maintenance Precautions:** None

**Other Precautions:** None

**Additional Comments:** None

The data in this material safety data sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be accurate however, since use conditions vary and are outside our control, E.M.S. makes no warranties expressed or implied and assumes no liability for failure to follow product use direction and safety precautions.