

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS020 020 020

295

NUMBER: 020 - FOAMING HAND CLEANER 12 OZ.

IDENTITY (As Used On Label and List): FOAMING HAND CLEANER 12 OZ.

EMERGENCY MEDICAL Telephone# 1-800-228-5635 X 0001 (24 Hrs) Outside of the U.S.A. Call 612-221-3999 X 009

PRODUCT HAZARD RATINGS (NFPA): - Health = 2, Fire = 4, Reactivity = 0, Protective Equipment = *A
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

SECTION I

SPRAYWAY, INC.
484 VISTA
ADDISON

TELEPHONE NUMBER FOR INFORMATION: 630-628-3000

DATE PREPARED: 9/24/99

IL 60101

NAME OF PREPARED: Jodi Gallagher

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names	Exposure Limits (LD50-Oral Rat)	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Petroleum Naphtha (CAS#64741-65-7)	25ml/kg	-	100*	500	40-45
Polyoxyethylene Dinonylphenyl- Ether Phosphate (CAS#39464-64-7)	NE	-	1mg/m3	ND	5-10
Oleic Acid (CAS#112-80-1)	74kg/kg	-	ND	ND	1-5
Triethanolamine (CAS#102-71-6)	8680mg/kg	-	3ppm	ND	1-5
Refined Petroleum Gas (CAS#68476-85-7)	NE	-	1000	1000	20

* Standard solvent to be used as a guide.

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.

Components Listed As A Suspected Carcinogen: None

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA Vapor Pressure (psig): 126@130F Specific Gravity (H2O=1): <1
Solubility/Water: 10% Vapor Density (AIR=1): >1 Evaporation Rate (Ether=1): <1
Appearance and Odor: Heavy white foaming spray, floral.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: This product is considered to be flammable as described in 16CFR 1500.45.

Flammable Limits - % Volume In Air (Propellant): LEL: 1.8 UEL: 9.2

Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from burning, rupturing or venting containers.

Unusual Fire and Explosion Hazards: At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION V - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: N/A

Incompatibility (Materials to Avoid): Heat, open flame and oxidizing agents

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide and additional toxic chemicals may be formed in small amounts.

Conditions to Avoid: Do not store above 54C-130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause burning.

***** SECTION VI - HEALTH HAZARD DATA *****

Route(s) of Entry - Inhalation: X Eyes: X Skin: Ingestion: X

Signs and Symptoms of Exposure: Inhalation may cause dizziness and drowsiness. Eye contact may be irritating. Ingestion of aerosols is not a likely route, however, ingestion of the liquid may result in vomiting which could cause aspiration pneumonia.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures: Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists. Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. Ingestion: Get medical attention immediately. Do not induce vomiting. If vomiting occurs spontaneously aspiration (breathing) of vomitus into the lungs must be avoided by keeping the victim's head below the hips.

NOTE TO PHYSICIAN: Product contains approximately 30% petroleum distillate. If more than 2.0ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

***** SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE *****

Releases or Spilled: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Handling And Storing: Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F (54C). Store as Level 2 Aerosol (NFPA 308).

Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

***** SECTION VIII - EMPLOYEE PROTECTION *****

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves: Optional: Chemical resistant gloves*.

Eye Protection: Chemical safety glasses are recommended*.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

***** Section IX-Other Regulatory Controls *****

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

***** Section X-Transportation (D.O.T. Classification) *****

Shipping Name: Consumer Commodity Hazard Class: ORM-D

G - Negligible NA-- Not Applicable NE-- Not Established UN-- Unavailable NO-- Not Determined

The information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

April 22, 1998