

# MSDS –Material Safety Data Sheet

## 24-HOUR EMERGENCY

### CHEM-TEL, INC.

**Toll Free – Inside U.S.A.** (800) 255-3924

**International** (813) 248-0585

Product I.D. No.: NG1216 SCREEN OPENER

VERSION 4 EFFECTIVE DATE: 11/7/05 SUPERCEDES: 12/9/03 PREPARED BY: Regulatory Compliance  
Section(s) Revised: II, III, IV, V, VI, VII, VIII, IX

**PRODUCT HAZARD RATINGS (HMIS®):** Health = \*1, Fire = 4, Reactivity = 0 Protective Equipment = B  
(Rating Index: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)

#### SECTION I

KOMAR APPAREL SUPPLY  
NATIONAL GUARDS  
6900 WASHINGTON BLVD.  
MONTEBELLO, CA 90640

TELEPHONE NUMBER FOR INFORMATION: 1-323-890-3000

DATE PRINTED: 8/14/06

NAME OF PREPARER: REGULATORY COMPLIANCE

#### SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
<b>Cyclohexanone (108-94-1)</b>	No	20ppm*/NE	50ppm/NE	10-20
Petroleum Naphtha (64742-95-6)	No	400ppm/NE	100ppm/NE	20-30
1,2,4-Trimethylbenzene (95-63-6)	Yes	25ppm/NE	NE/NE	20-30
Xylene (1330-20-7)	Yes	100ppm/150ppm	100ppm/150ppm	½
Liquefied petroleum gas mixture (68476-86-8)	No	See below ingredient data		20-40
Propane (74-98-6)	No	1000ppm/NE	1000ppm/NE	(76-84)
n-Butane (106-97-8)	No	1000ppm/NE	NE/NE	(16-24)

Balance of ingredients are non-hazardous or below reportable levels.

\* Potential significant contribution to the overall exposure of this chemical via the skin

#### SECTION III - PHYSICAL CHARACTERISTICS

**Boiling Point:** NA **Vapor Pressure (psig)(± 5):** 75 @ 130°F / 33 @ 70°F

**Specific Gravity – calculated (H2O=1):** 0.7456 ± 0.005 **pH:** NA **Solubility/Water:** Insoluble

**Vapor Density (AIR=1):** ND **Evaporation Rate (Ether=1):** ND

**Appearance and Odor:** Clear colorless aerosol spray with a strong solvent odor.

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Aerosol Flammability:** Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

**Flashpoint:** <0°F (total); 111°F (Concentrate)

**Flammable Limits - % Volume In Air (Propellant):** LEL: 0.01% (naptha) UEL: 9.5% (propellant)

**Extinguishing Media:** Carbon dioxide, foam, or dry chemical.

**Special Fire Fighting Procedures:** Wear approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans.

**Unusual Fire and Explosion Hazards:** Contents under pressure. Keep away from heat and open flames.

Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F(48.9°C) may cause cans to burst.

#### SECTION V - REACTIVITY DATA

**Stability:** Stable **Hazardous Polymerization:** NA

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, hydrocarbon vapors.

**Incompatibility/Conditions to Avoid:** Avoid strong oxidizing agents, bases and acids. Keep away from heat, sparks, flames and other sources of ignition. Dropping containers may cause bursting.

# MSDS –Material Safety Data Sheet

---

## SECTION VI - HEALTH HAZARD DATA

---

**Route(s) of Entry:** Inhalation: Y    Eyes: Y    Skin: Y    Ingestion: N

### HAZARDS IDENTIFICATION:

**Eye:** May cause moderate to severe irritation with redness, swelling and tearing. Reversible corneal injury is possible.

**Skin:** May cause irritation. Prolonged or repeated contact may cause defatting of the skin with dryness and cracking. May be harmful if absorbed through the skin with effects similar to inhalation.

**Inhalation:** Breathing vapors or mists may cause irritation of the mucous membranes and upper respiratory tract. Excessive overexposure may cause headache, dizziness, drowsiness, depressed respiration and heart rate, heart rhythm irregularities, shortness of breath, unconsciousness or death.

**Ingestion:** Ingestion is an unlikely route of exposure for aerosol products. May cause gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhea. Aspiration into the lungs during swallowing or vomiting may cause serious lung damage.

**AGGRAVATED MEDICAL CONDITIONS:** Persons with pre-existing skin, respiratory and cardiovascular disorders.

**CHRONIC EXPOSURE:** Prolonged or repeated overexposure may cause lung, liver and kidney damage based on animal studies.

### EMERGENCY AND FIRST AID PROCEDURES:

**Eye:** Rinse thoroughly with water for at least 15 minutes, holding the eye lids open to be sure the material is washed out. Get immediate medical attention.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.

**Inhalation:** Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

**Ingestion:** Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs rinse mouth with a small amount of water. Immediately call local poison control center or go to an emergency department. Aspiration hazard – DO NOT Induce Vomiting. Never give anything by mouth to an unconscious or drowsy person.

### CARCINOGENICITY:

None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

---

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

---

**Releases or Spills:** 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. Disposal regulations may be different for each state and/or locality.

**Handling And Storing:** Avoid contact with eyes and skin. Avoid breathing vapors and mists. Use only with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container.

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.

Store in a cool, well ventilated area at temperatures below 48.9°C. Do not store in direct sunlight. Store as a flammable aerosol.

Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C).

Store as **Level 3 Aerosol (NFPA 30B)**.

**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 needed under normal use conditions. For operations where the occupational exposure limit may be exceeded, a NIOSH approved organic vapor respirator or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with OSHA 1910.134, ANSI Z88.2 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Ventilation:** General ventilation should be adequate for normal use. For operations where the occupational exposure limit may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

## MSDS –Material Safety Data Sheet

**Protective Gloves:** Impervious gloves are recommended for operations which may result in prolonged / repeated skin contact.

**Eye Protection:** Wear chemical safety glasses or goggles to prevent eye contact.

**Other Protective Clothing or Equipment:** Protective clothing if needed to avoid prolonged / repeated skin contact. Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

**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

---

#### FEDERAL:

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

#### STATE RIGHT-TO-KNOW:

##### Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Chemical	CAS Number
Light Aromatic Solvent Naphtha	64742-95-6
1, 2, 4-Trimethyl benzene	95-63-6
Cyclohexanone	108-94-1
Xylene	1330-20-7
Cumene	98-82-8
Liquefied Petroleum Gas	68476-86-8

---

### SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)

---

Shipping Name: Consumer Commodity      Hazard Class: ORM-D

---

NG-- Negligible    NA-- Not Applicable    NE-- Not Established    UN-- Unavailable    ND-- Not Determined

While 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.

EFFECTIVE DATE: 12/09/03    SUPERCEDES: 07/03/02    PREPARED BY: Regulatory Compliance