

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET****ZINK PROOF / 1718****DECEMBER 2009****PAGE 1**

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Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification**

**PRODUCT TYPE:** Aerosol  
**FORMULA:** Proprietary

**SECTION 2 – Composition on Ingredients**

CHEMICAL NAME	CAS #	% WT	313/CHEM	SKIN	CARCINOGEN	PEL	TLV-TWA
Toluene	108-88-3	30-40	YES	YES	NO	200 ppm	50 ppm
Petroleum Distillates, Hydrotreated, Light	64742-47-8	1-10	NO	NO	NO	500 ppm	100 ppm
Zinc	7440-66-6	10-20	YES	NO	NO	10 mg/m <sup>3</sup> (Dust)	N/E
Liquefied Petroleum Gas	68476-86-8	35-45	NO	NO	NO	1000 ppm	1000 ppm

**SECTION 3 – Hazards Information****PRIMARY ROUTES OF ENTRY & EFFECTS OF OVEREXPOSURE:**

**EYES:** May cause irritation accompanied by stinging, tearing, redness, and swelling of eyes.

**SKIN:** May cause mild irritation. Frequent or prolonged contact may cause redness, burning, and drying and cracking of skin. Passage of this material into the body through the skin is possible. May aggravate existing skin conditions.

**INHALATION:** Inhalation of small amounts of vapor or mist is not likely to cause harmful effects. Inhalation of large amounts may irritate the upper respiratory tract, cause flu-like symptoms, and have a slight anesthetic effect. Prolonged overexposure can cause central nervous system excitation followed by central nervous system depression and other central nervous system effects, temporary changes in mood and behavior, muscle weakness, loss of coordination, confusion, irregular heartbeat, coma, and death. Intentional, prolonged abuse may lead to damage to the central and peripheral nervous systems, vision, hearing, liver, kidneys, heart, blood, and brain.

**INGESTION:** Can cause gastrointestinal irritation, nausea, fever, vomiting and diarrhea. Aspiration of material into the lungs can cause lung inflammation and other lung injury.

**SECTION 4 – First Aid Measures**

**EYES:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

**SKIN:** Wash with soap and water. If irritation persists seek medical attention.

**INHALATION:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT (of Concentrate Only):** 80°F

**FLAMMABILITY (as per CSMA Flame Projection Test):** Extremely Flammable Spray

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Media

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Exposure to temperature above 120°F may cause bursting.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State, and local laws.

**SECTION 7 – Handling and Storage**

**KEEP OUT OF REACH OF CHILDREN.** For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F.

**NFPA CODE 30B RATING:** Level 3 Aerosol

**SECTION 8 – Exposure Controls/Personal Protection**

**RESPIRATORY PROTECTION:** If air concentrations exceed exposure limits listed in Section 2, wear NIOSH/MSHA approved respirator with dust filter and organic vapor cartridge.

**VENTILATION:** Provide local exhaust to keep air concentrations of ingredients listed in Section 2 below acceptable limits.

**PROTECTIVE GLOVES:** Use chemical resistant gloves to prevent hand contact.

**EYE PROTECTION:** Always wear safety glasses or chemical proof goggles when working with chemicals.

**SECTION 9 – Physical and Chemical Properties**

**DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:**

**BOILING POINT:** >200°F **VAPOR DENSITY (AIR=1):** > 1

**pH:** N/A **SPECIFIC GRAVITY (H<sub>2</sub>O=1) @ 70°F:** 1.105

**SOLUBILITY IN WATER:** Negligible **APPEARANCE/ODOR:** Gray Viscous Liquid, Solvent Odor

**DATA BELOW BASED ON TOTAL CONTENTS:**

**VAPOR PRESSURE OF CAN (psig @ 72°F):** 60 **TOTAL VOC %:** 77.62

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Material Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents, acids, halogen gases and alkaline hydroxides.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, and Zinc Oxide fume.

**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

**NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.**

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### SECTION 14 – Transport Information

**D.O.T. HAZARD CLASS:** Consumer Commodity, ORM-D

### SECTION 15 – Regulatory Information

**HMIS RATING** (Based on Aerosol Concentrate):

0 – Minimal    1 – Slight    2 – Moderate    3 – Serious    4 – Extreme

N/A = Not Applicable    N/E = Not Established    N/D = Not Determined    <=Less than    >=More Than

### SECTION 16 – Other Information

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

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