

MATERIAL SAFETY DATA SHEET

MANUFACTURED FOR:

PREPARATION DATE: 12/15/02 nc

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HAZARD RATING

Health-2 Reactivity-1 Flammability-4 Equipment-B Special Hazard-Unk

SECTION I - GENERAL INFORMATION

Trade Name & Syn... **CLEARCO HIGH PERFORMANCE ZINC SPRAY**

SECTION II - INGREDIENTS

INGREDIENT DESCRIPTION	Wt %	Cas Number	ACGITH TWA (ppm)	TLV STEL	OSHA PEL (ppm)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(Z)
Metallic Zinc	51-70	7440-66-6	None		None	No
Toluene	11-30	108-88-3	100	150	200	No
Mineral Spirits	1-10	64742-48-9	100		500	No
Liquified Petroleum Gas, Sweetened	11-30	68476-86-8	900		900	No

SECTION III - PHYSICAL DATA

Boiling Point N/A
Vapor Pressure (mmHg)..... Aerosol @70°F 45-50 psig
Vapor Density (Air=1)..... >1
Water Solubility..... Negligible
Specific Gravity (H₂O=1)..... >2
Evaporation Rate (EE=1)..... <1
Percent Volatile by Volume... 53%
Appearance & Odor..... Gray/ Aromatic Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method..... Aerosol Container <20°F T.C.C.
Flammable Limits in Air..... Propellant LEL - 1.2 UEL - 7.1

Extinguishing Media..... Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards..... Treat as cylinders of compressed gas. Firefighters should use self-contained positive pressure breathing apparatus.

SECTION V - HEALTH HAZARD DATA

Symptoms of Exposure..... INHALATION can cause dizziness, light headedness and nausea at high concentrations. INGESTION is unlikely. EYE CONTACT may be an eye irritant. SKIN CONTACT may cause skin irritation upon prolonged or repeated contact.

Medical Conditions Aggravated by Exposure.... May increase myocardial irritability. Avoid Epinephrine or similar drugs if at all possible.

Chronic exposure to Zinc may cause respiratory tract irritation with nasopharyngitis and laryngitis.

Prolonged exposure above the OSHA permissible exposure limits may result in kidney and liver damage.

SECTION VI - FIRST AID PROCEDURES

Inhalation..... Remove from exposure immediately. If breathing is stopped or irregular, begin artificial respiration and administer oxygen.
Ingestion..... DO NOT induce vomiting. Drink plenty of water.
Eye Contact..... Flush eyes with large amounts of clear water for a minimum of 15 minutes. Flush under the eyelids thoroughly. Consult a Physician for definitive treatment.
Skin Contact..... Remove all contaminated clothing. Wash skin with soap and water.

SECTION VII - REACTIVITY HAZARD DATA

Stability Stable
Hazard Polymerization Will Not Occur
Conditions to Avoid Open Flames, Sparks, Electrical Arcs
Incompatibilities Strong Oxidizing Agents, strong acids or bases, water
Hazardous Decomposition Products Thermal decomposition may yield carbon monoxide and/or carbon dioxide.

SECTION VIII - SPILL AND DISPOSAL PROCEDURES

Spill Response Spills from aerosol cans are unlikely and are generally of small volume. Spill prevention is therefore not normally considered a problem. In case of actual spill or rupture, avoid breathing vapors and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbants and place in safety containers for proper disposal in accordance with all Local, State and Federal regulations.

Waste Disposal Method Clean-Up action should be carefully planned and executed. Shipment, storage, and/or disposal of waste materials are regulated and action to handle these materials must meet the applicable rules. If any question exists, the appropriate agencies should be contacted to assure proper compliance. **DO NOT INCINERATE OR PUNCTURE AEROSOL CAN!** Fully or partially filled containers are considered HAZARDOUS WASTE.

SECTION IX - CONTROL AND PROTECTIVE MEASURES

Respirator Protection Respiratory protection program should be in accordance with 29 CFR 1910.134.
Protective Gloves Polyethylene or Neoprene.
Eye Protection Safety glasses are recommended.
Ventilation Local exhaust is adequate.
Other Protective Equipment Protective clothing and equipment: See 29 CFR 1910.133 & 132.
Hygienic Work Practices Minimize breathing vapor, mist or fumes.

SECTION X - SHIPPING HAZARD DATA

DOT Proper Shipping Name	Consumer Commodity	IATA Proper Shipping Name	Aerosol, Flammable NOS
DOT Hazard Classification	ORM-D	IATA Class or Division	2
DOT Identification Number	UN 1954	IATA Subsidiary Risk	3
United Nations Number	None		
Emergency Response Guide Number	12	IATA Hazard Labels(s)	Flammable Gas
		United Nations Number	1950

Section 313: This product contains the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Toulene Cas# 108-88-3 25%

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