

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Bright Zinc-It

Product Number (s): 18414

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Acetone	67-64-1	750 ppm	750 ppm	NE	10-30
Zinc Dust	7440-66-6	NE	NE	NE	7-13
Xylene	1330-20-7	100 ppm	100 ppm	NE	14-24
Ethylbenzene	100-41-4	100 ppm	100 ppm	NE	2-4
Aliphatic Hydrocarbon	64742-47-8	100 ppm	500 ppm	NE	1-5
Isobutane	75-28-5	NE	NE	1000 ppm	10-30
Methyl Ethyl Ketone	78-93-3	200 ppm	200 ppm	NE	10-30
Propane	74-98-6	NE	1000 ppm	NE	7-13
Toluene	108-88-3	50 ppm	100 ppm	NE	7-13
Diacetone Alcohol	123-42-2	50 ppm	50 ppm	NE	1-15
Aluminum	7429-90-5	10 mg/m3	15 mg/m3	NE	1-5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Gray liquid, solvent odor.

Danger: Extremely Flammable. Vapor Harmful. Harmful or Fatal if Swallowed. Eye and skin irritant.
Contents Under Pressure.

Potential Health Effects:

Inhalation: Headaches, dizziness, nausea and anesthesia.

Eyes: Irritation

Skin: Irritation

Ingestion: NA

Carcinogenicity: OSHA: No IARC: Yes NTP: No

Chronic Overexposure: May cause contact dermatitis. Could have liver and kidney effects.

Medical Conditions Aggravated by Exposure: Breathing difficulties.

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.

Eyes: Flush with large amounts of water for 15 minutes.

Skin: Remove contaminated clothing and wash area with soap and water.

Ingestion: Call a physician. Do not induce vomiting.

Section 5: Fire-Fighting Measures

Flashpoint:	>0°F	Method:	TCC	LEL:	1.0	UEL:	12.8
Extinguishing Media:	CO ₂ , dry chemical and foam						
Hazardous Combustion Products:	CO ₂ and carbon monoxide						
Fire-fighting Instructions:	Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Aerosol cans may explode if heated above 120°F.						
NFPA:	Health:	2	Flammability:	4	Reactivity:	1	
HMIS:	Health:	2	Flammability:	4	Reactivity:	1	PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Gray liquid, solvent odor.
Specific Gravity:	0.81(aerosol)	Boiling Point:	135°F – 334°F
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	Fast	Vapor Density (air = 1)	> air
pH:	NA	Solubility:	Soluble in most organic solvents
Volatile Organic Compounds %:	64-65	g/L:	lbs./gal:

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
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Chemical Incompatibilities:	Strong oxidizers.
Materials to Avoid:	Acids, strong acids and strong oxidizers.
Hazardous Decomposition Products:	None

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

Section 12: Ecological Information

Ecotoxicity:	No data available.
Environmental Fate:	No data available for biodegradation.

Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name:	Consumer Commodity		
Hazard Class:	ORM-D	UN Number: NA	Packing Group: NA
Label:	NA	Placard: NA	
Special Provisions:	NA		

Section 15: Regulatory Information

TSCA:	All components are either listed under TSCA or are exempt.
SARA Title III:	Section 311/312: Acute, Pressure
	Section 313*: Zinc Dust, Xylene, Ethylbenzene, Methyl Ethyl Ketone, and Toluene
CERCLA/Superfund (RQ):	Mixture
Extremely Hazardous Substances:	No
California Prop 65:	This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

* See section 2 for percentage

Section 16: Additional Information

Prepared By:	Michelle Milburn	Date:	March 4, 2004
Technical Information:	(800) 521-3168	CRC #:	18414

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter

Product Name: Bright Zinc-It**Product Number (s): 18414**

UEL: Upper Explosive Limit
PPE: Personal Protection Equipment
COC: Cleveland Closed Cup

lbs./gal: pounds per gallon
RQ: Reportable Quantity