

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: CRC® Zinc Stearate Mold Release
Product Number (s): 03309

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	%
Zinc Stearate	557-05-1	NE	NE	NE	1-6
Isopropanol	67-63-0	200 ppm	400 ppm	NE	6-12
Dimethyl ether	115-10-6	NE	NE	1000 ppm	55-65
1,2 Difluoroethane	75-37-6	NE	NE	1000 ppm	15-20
1-Chloro-1,1-Difluoroethane	75-68-3	NE	NE	1000 ppm	15-20

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Water-white mobile liquid, slight ethereal odor.

Warning: Vapor Harmful. Eye Irritant. Contents Under Pressure.

Potential Health Effects:

Inhalation: Headaches, dizziness, and nausea.
Eyes: Temporary irritation
Skin: Concentrated spray may cause freezing of skin area.
Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: ND

Medical Conditions Aggravated by Exposure: NA

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. Call a physician immediately.

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

Ingestion: Unlikely due to an aerosol.

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Section 5: Fire-Fighting Measures

Flashpoint: ND* Method: TCC LEL: 2.0 UEL: 25.0
Extinguishing Media: Foam, CO₂ and dry chemical
Hazardous Combustion Products: Carbon dioxide, 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: 1 Flammability: 3 Reactivity: 0
HMIS: Health: 1 Flammability: 3 Reactivity: 0 PPE: B

* This product will exhibit a flame extension.

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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.

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Section 7: Handling and Storage

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

Aerosol Level: III

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Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide local ventilation 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: Usually not necessary. Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus if 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.

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Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Water-white mobile liquid, slight ethereal odor.
Specific Gravity:	.81	Boiling Point:	NA
Freezing Point:	<.50°F	Vapor Pressure:	36 mmHg @70 F
Evaporation Rate:	2-3 Minutes	Vapor Density (air = 1)	NA
pH:	NA	Solubility:	Insoluble in water
Volatile Organic Compounds:%:	67	g/L: ND	lbs./gal: 4.55

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Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Powdered or Alkaline Earth Metals		
Conditions to Avoid:	Open flames and high temperatures		
Hazardous Decomposition Products:	Oxides of carbon		

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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.

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Section 12: Ecological Information

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

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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.

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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		

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Section 15: Regulatory Information

TSCA: All components are either listed under TSCA or are exempt.
SARA Title III: Section 311/312: NA
Section 313*: Zinc stearate (Zinc compounds)
CERCLA/Superfund (RQ): NA
Extremely Hazardous Substances: No
California Prop 65: No

* See section 2 for percentage

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Section 16: Additional Information

Prepared By: Michelle Milburn Date: August 30, 2004
Technical Information: (800) 521-3168 CRC #: 03309

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
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity