

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Corrosion Shield™  
**Product Number (s):** 10600

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

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## Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Metal Alkyl Aryl Sulfonate	Mixture	NE	NE	NE	6-8
Inhibited Paraffinic Oil	Mixture	5 mg/m3	5 mg/m3	(mist)	30-40
Petroleum Distillate	64742-88-7	NE	400 ppm	100 ppm	55-65
Carbon Dioxide	124-38-9	5000 ppm	10000 ppm	NE	2-5

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Amber translucent liquid, pleasant odor.

**DANGER:** Flammable. Harmful or Fatal if Swallowed. Contents Under Pressure.

### Potential Health Effects:

Inhalation: Headaches, dizziness, anesthetic effects and mucous membrane irritation.  
Eyes: Irritation, burning  
Skin: Irritation, drying  
Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No  
Chronic Overexposure: Dermatitis. May cause liver and kidney effects.  
Medical Conditions Aggravated by Exposure: Breathing problems.

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## 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

**Product Name: Corrosion Shield™****Product Number (s): 10600**

Flashpoint:	140 °F	Method:	COC	LEL:	ND	UEL:	ND
Extinguishing Media:	CO <sub>2</sub> , dry chemical and foam						
Hazardous Combustion Products:	Thermal - carbon monoxide and carbon dioxide						
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:	2	Reactivity:	0	
HMIS:	Health:	2	Flammability:	2	Reactivity:	0	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.

Aerosol Level: III

**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:	Amber translucent liquid, pleasant odor.
Specific Gravity:	0.8379	Boiling Point:	320°F (initial)
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	NA	Vapor Density (air = 1)	> air
pH:	NA	Solubility:	Negligible in water.
Volatile Organic Compounds %:	57.6	g/L: 483.873	lbs./gal: 4.038

**Section 10: Stability and Reactivity**

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizers.		
Materials to Avoid:	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.

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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: Acute Section 313\*: None  
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: Adam M. Selisker Date: March 13, 2002  
Technical Information: (800) 521-3168 CRC #: 527B

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
COC:	Cleveland Open Cup		

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Technical Information:	(800) 521-3168	CRC #:	527B

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