

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Siloo ® Radiator Flush  
**Product Number (s):** 31A

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	%
Water	7732-18-5	NE	NE	NE	> 90
Wetting Agent	Mixture	NE	NE	NE	< 10
Inhibitors	Mixture	NE	NE	NE	< 10

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Yellowish liquid, pleasant odor.

Eye Irritant. Avoid contact with skin and eyes.

### Potential Health Effects:

Inhalation: NA  
Eyes: NA  
Skin: NA  
Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No  
Chronic Overexposure: NA  
Medical Conditions Aggravated by Exposure: NA

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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: Induce vomiting. Call a physician.

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**Section 5: Fire-Fighting Measures**

Flashpoint: None Method: ND LEL: ND UEL: ND  
Extinguishing Media: NA  
Hazardous Combustion Products: None  
Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

NFPA: Health: 1 Flammability: 0 Reactivity: 0  
HMIS: Health: 1 Flammability: 0 Reactivity: 0 PPE: B

**Section 6: Accidental Release Measures**

Spill/Leak Procedures: 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.

**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:	Yellowish liquid, pleasant odor
Specific Gravity:	1.0	Boiling Point:	approx. 212°F
Freezing Point:	32 °F	Vapor Pressure:	NA
Evaporation Rate:	water	Vapor Density (air = 1)	NA
pH:	10	Solubility:	Completely soluble in water
Volatile Organic Compounds:%:	0	g/L: 0	lbs./gal: 0

**Section 10: Stability and Reactivity**

Stability: Stable Hazardous Polymerization: No  
Chemical Incompatibilities: Strong oxidizers.  
Materials to Avoid: None  
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: Not Regulated  
Hazard Class: NA 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: NA Section 313\*: None  
CERCLA/Superfund (RQ): NA  
Extremely Hazardous Substances: No  
California Prop 65: No

\* See section 2 for percentage

Section 16: Additional Information

Prepared By: Michelle Milburn Date: September 4, 2003  
Technical Information: (800) 521-3168 CRC #: 613A  
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 Closed Cup