

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Aviation Exterior Cleaner

**Product Number (s):** 10642, 10643

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	%
2-Butoxy Ethanol	111-76-2	25 ppm	25 ppm	(skin)	1-5
Dichloromethane	75-09-2	50 ppm	500 ppm	NE	70-80
Methyl Ethyl Ketone	78-93-3	200 ppm	200 ppm	NE	20-30

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## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Water-white with sweet chlorinated solvent odor.

Danger: Flammable. Vapor Harmful. Harmful or Fatal if Swallowed. Eye Irritant.

### Potential Health Effects:

Inhalation: Anesthetic or narcotic effects

Eyes: Irritation

Skin: Dryness

Ingestion: Stomach discomfort

Carcinogenicity: OSHA: Yes IARC: Yes NTP: Yes

Chronic Overexposure: Eye – mild reversible corneal damage; Skin – dermatitis; Ingestion – nausea; Inhalation - irritant.

Medical Conditions Aggravated by Exposure: High concentrations may cause cardiac irritability

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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.

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**Section 5: Fire-Fighting Measures**

Flashpoint: 109°F Method: TCC LEL: ND UEL: ND  
 Extinguishing Media: CO<sub>2</sub>, water fog  
 Hazardous Combustion Products: Oxides of carbon. Thermal – HCl, chlorine, some phosgene  
 Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

NFPA: Health: 2 Flammability: 3 Reactivity: 0  
 HMIS: Health: 2 Flammability: 3 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:	Water-white with sweet chlorinated solvent odor
Specific Gravity:	1.16	Boiling Point:	NA
Freezing Point:	NA	Vapor Pressure:	NA
Evaporation Rate:	faster than water	Vapor Density (air = 1)	> air
pH:	NA	Solubility:	Negligible in water
Volatile Organic Compounds:%:	21.6	g/L: 251	lbs./gal: 2.09

**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.

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: Flammable Liquids, N.O.S. (Contains Methyl Ethyl Ketone & Ethanol)  
Hazard Class: 3 UN Number: 1993 Packing Group: III  
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  
Section 313\*: 2-Butoxy Ethanol, Dichloromethane, Methyl Ethyl Ketone  
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: Adam M. Selisker Date: October 25, 2002  
Technical Information: (800) 521-3168 CRC #: 415

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