

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Aviation Surface Cleaner
Product Number (s): 10441, 10442

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	%
Alkylphenol Ethoxylate Surfactant	9016-45-9	NE	NE	NE	4-12
Acrylic Polymer	Mixture	NE	NE	NE	0-2
Capric diethanolamide	136-26-5	NE	NE	NE	0-3
Monoethanolamine	141-43-5	3 ppm	3 ppm	NE	1-4
Dipropylene glycol methyl ether	34590-94-8	100 ppm	100 ppm	NE	4-10
Sodium Metasilicate	6834-92-0	NE	NE	NE	1-4
Amphoteric Surfactant	68604-71-7	NE	NE	NE	0-2
Water	7732-18-5	NE	NE	NE	< 90

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Light blue liquid, mild odor

Warning: Eye and skin irritant.

Potential Health Effects:

Inhalation: Coughing, mouth irritation

Eyes: Irritation, redness

Skin: Irritation, redness

Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Eyes – Irritation, swelling; Skin – rash; Inhalation – coughing, bronchitis; Mouth - nausea

Medical Conditions Aggravated by Exposure: Conjunctivitis, Dermatitis, Bronchitis and Gastric disorders

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: Drink 4 glasses of water. Call a physician.

Section 5: Fire-Fighting Measures

Flashpoint: None Method: TCC LEL: ND UEL: ND
Extinguishing Media: CO₂, dry chemical and water fog
Hazardous Combustion Products: If burned, oxides of carbon & nitrogen
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:	Light blue liquid, mild odor
Specific Gravity:	1.016	Boiling Point:	205°F
Freezing Point:	26 °F	Vapor Pressure:	as water
Evaporation Rate:	as water	Vapor Density (air = 1)	> 1
pH:	11.65	Solubility:	Complete in water

Volatile Organic Compounds %:	6.2	g/L:	63	lbs./gal:	0.53
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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: 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: Adam M. Selisker Date: March 13, 2002
Technical Information: (800) 521-3168 CRC #: 482B
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