

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Lectra Shield Aerosol
Product Number (s): 02031

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	%
Metal Alkyl Aryl Sulfonate	Mixture	NE	NE	NE	2-12
Oxygenated Hydrocarbon	Mixture	NE	NE	NE	31-41
Petroleum Distillate	8052-41-3	NE	NE	100 ppm	< 10
n-Hexane	110-54-3	50 ppm	50 ppm	NE	< 10
Propane	74-98-6	NE	1000 ppm	NE	10-20
Isobutane	75-28-5	NE	NE	1000 ppm	10-20
Dipropylene glycol methyl ether	34590-94-8	100 ppm	100 ppm	NE	< 10
Isohexanes	107-83-5	500 ppm	500 ppm	NE	28-38

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Dark amber viscous liquid, petroleum odor.

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

Potential Health Effects:

Inhalation: Headaches, nausea, dizziness, anesthetic effects, drowsiness, unconsciousness & other central nervous system effects.

Eyes: Irritation

Skin: Irritation

Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure:	Repeated overexposure may cause harm to the peripheral nervous system.
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Medical Conditions Aggravated by Exposure: Pre-existing lung problems.

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

Flashpoint:	<0 ° F	Method:	TCC	LEL:	1.8	UEL:	9.5
Extinguishing Media:	CO ₂ , 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:	4	Reactivity:	0	
HMIS:	Health:	2	Flammability:	4	Reactivity:	0	PPE: B

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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

Handling 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: 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.

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Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Dark amber viscous liquid, petroleum odor.
Specific Gravity:	0.787	Boiling Point:	141°F
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	NA	Vapor Density (air = 1)	> air
pH:	NA	Solubility:	Negligible in water.
Volatile Organic Compounds %:	79	g/L:	547
		lbs./gal:	4.57

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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		

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*: n-Hexane
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:	April 28, 2005
Technical Information:	(800) 521-3168	CRC #:	522E

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
ppm: Parts per Million
TCC: Tag Closed Cup
LEL: Lower Explosive Limit
UEL: Upper Explosive Limit
PPE: Personal Protection Equipment

NA: Not Applicable
ND: Not Determined
NE: Not Established
g/L: grams per Liter
lbs./gal: pounds per gallon
RQ: Reportable Quantity