

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Product Name:** Electronic Degreaser - Bulk  
**Product Number (s):** 02217, 02218, 02219

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	%
1-Bromopropane	106-94-5	NE	NE	25 ppm	85-95
t-Butanol	75-65-0	100 ppm	100 ppm	NE	< 3
1,2 Butylene Oxide	106-88-7	400 ppm	400 ppm	NE	< 1
COzol™202	Proprietary blend	400 ppm	400 ppm	NE	1-5
Acetonitrile	75-05-8	40 ppm	40 ppm	NE	< 1

## Section 3: Hazards Identification

### Emergency Overview

Appearance & Odor: Clear, colorless liquid with a strong odor.

Warning: Vapor Harmful.

### Potential Health Effects:

Inhalation: Irritation to nose, throat and lungs. High doses may cause central nervous systems depression.  
Eyes: Irritation  
Skin: Irritation  
Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No  
Chronic Overexposure: Skin irritation on repeated contact.  
Medical Conditions Aggravated by Exposure: None identified.

## 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:	None	Method:	TCC	LEL:	3.0	UEL:	8.0
Extinguishing Media:	Water fog, CO <sub>2</sub> , and dry chemical						
Hazardous Combustion Products:	Thermal: Hydrogen bromide, bromine, oxides of carbon & nitrogen.						
Fire-fighting Instructions:	Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.						
NFPA:	Health:	2	Flammability:	0	Reactivity:	0	
HMIS:	Health:	2	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:	Clear colorless liquid with a strong odor
Specific Gravity:	1.27@25 °C	Boiling Point:	160°F
Freezing Point:	ND	Vapor Pressure:	139 mm Hg @ 25 °C
Evaporation Rate:	fast	Vapor Density (air = 1):	4.25
pH:	NA	Solubility:	Slight in water
Volatile Organic Compounds:%:	100	g/L: 1270	lbs./gal: 10.61

--

## Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
------------	--------	---------------------------	----

Chemical Incompatibilities: Strong oxidizers.  
Materials to Avoid: None identified  
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: Acute, Pressure Section 313\*: Yes  
CERCLA/Superfund (RQ): NA 1,2 Butylene Oxide, t-Butanol,  
Extremely Hazardous Substances: No Acetonitrile  
Hazardous Air Pollutants: 1,2 Butylene Oxide < 1%, Acetonitrile < 1%  
California Prop 65: No

\* See section 2 for percentage

--

#### Section 16: Additional Information

Prepared By: Adam Selisker Date: May 14, 2003  
Technical Information: (800) 521-3168 CRC #: 658  
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.

**Product Name: Electronic Degreaser - Bulk**

**Product Number (s): 02217, 02218, 02219**

---

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		