MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: **Brakleen® Brake Parts Cleaner - Non-Chlorinated**
Product Number (s): 05084, 05084-6

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	%
Toluene	108-88-3	100 ppm	100 ppm	NE	22-32
Methanol	67-56-1	200 ppm	200 ppm	NE	15-25
Acetone	67-64-1	750 ppm	750 ppm	NE	45-55
Carbon Dioxide	124-38-9	5000 ppm	10000 ppm	NE	< 10
Dimethoxypropane	77-76-9	NE	NE	NE	< 5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Clear, water-white liquid.

Danger: Extremely Flammable. Vapor Harmful. Harmful or Fatal if Swallowed. May be fatal or cause blindness if swallowed Eye and skin irritant. Contents Under Pressure.

Potential Health Effects:

Inhalation: Dizziness, breathing difficulties, anesthetic effects, nausea and irritation to respiratory tract.
Eyes: Irritation
Skin: Irritation, defatting
Ingestion: NA

Carcinogenicity: OSHA: No IARC: No NTP: No
Chronic Overexposure: Contact dermatitis. Chronic overexposure may cause nervous system damage.
Medical Conditions Aggravated by Exposure: Breathing 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:	1.0	UEL:	13.0
Extinguishing Media:		CO_2, foam and fog					
Hazardous Combustion Products:		CO_2, carbon monoxide					
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:	3	Reactivity:	0		
HMIS:	Health: 2	Flammability:	3	Reactivity:	0	PPE:	B

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.

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

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, water-white liquid
Specific Gravity:	0.815	Boiling Point:	131°F (initial)
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	fast	Vapor Density (air = 1)	ND
pH:	NA	Solubility:	Partially soluble in water. Soluble in most organic liquids.

Volatile Organic Compounds %:	45	g/L:	366	lbs./gal:	3.0

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong oxidizers.		
Materials to Avoid:	Strong oxidizing agents and sources of ignition.		

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:	Consumer Commodity				
Hazard Class:	ORM-D	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, Fire
	Section 313*:	Toluene, Methanol
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:	Michelle Milburn	Date:	December 30, 2004
Technical Information:	(800) 521-3168	CRC #:	594Q

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		