



# Material Safety Data Sheet

## Section 1: Product & Company Identification

**Product Name:** Disc Brake Quiet (Aerosol)

**Product Number (s):** 05017, 05017-6

**Manufactured By:**

CRC Industries, Inc.  
885 Louis Drive  
Warminster, PA 18974  
[www.crcindustries.com](http://www.crcindustries.com)

General Information	(215) 674-4300
Technical Assistance	(800) 521-3168
Customer Service	(800) 272-4620
24-Hr Emergency (CHEMTREC)	(800) 424-9300

## Section 2: Hazards Identification

### Emergency Overview

Appearance & Odor: Red liquid with a solvent odor

### DANGER

Extremely Flammable. Harmful or Fatal if Swallowed. Eye and Skin Irritant. Contents Under Pressure.

As defined by OSHA's Hazard Communication Standard, this product is hazardous.

### Potential Health Effects:

- EYE:** Direct spray or vapors will irritate and may harm eyes.
- SKIN:** Product may cause redness, irritation and de-fatting of the skin. Prolonged exposure may cause severe irritation.
- INHALATION:** High concentrations of vapors may irritate the nose and throat and cause symptoms of intoxication such as dizziness, nausea or headache.
- INGESTION:** Causes irritation, narcosis, and liver and kidney damage.
- CHRONIC EFFECTS:** Unknown
- TARGET ORGANS:** Liver, kidney

### Medical Conditions Aggravated by Exposure:

None known

See Section 11 for toxicology and carcinogenicity information on product ingredients.

**Section 3: Composition/Information on Ingredients**

COMPONENT	CAS NUMBER	% by Wt.
Acetone	67-64-1	15 - 40
Ethyl acetate	141-78-6	1 – 5
Petroleum Distillates	64742-89-8	1 - 5
Hexane	110-54-3	15 - 40
Propane	74-98-6	15 – 40
Butane	106-97-8	15 - 40

**Section 4: First Aid Measures**

**Eye Contact:** Immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists.

**Skin Contact:** Remove contaminated clothing and wash affected area with soap and water. Call a physician if irritation persists. Wash contaminated clothing prior to re-use.

**Inhalation:** Remove person to fresh air. Keep person calm. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.

**Ingestion:** Do NOT induce vomiting. Get medical attention immediately.

*Note to Physicians:* Treat symptomatically.

**Section 5: Fire-Fighting Measures**

**Flammable Properties:** This product is extremely flammable in accordance with aerosol flammability definitions (16 CFR 1500.3(c)(6) ).

Flash Point:	< 20 F (TCC)	Upper Explosive Limit:	ND
Autoignition Temperature:	ND	Lower Explosive Limit:	ND

**Suitable Extinguishing Media:** Foam, dry chemical (B – C), Carbon dioxide

**Products of Combustion:** Oxides of carbon

**Protection of Fire-Fighters:** Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

**Section 6: Accidental Release Measures**

**Personal Precautions:** Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. Do not flush into sewers or storm drains.

Methods for Containment & Clean-up: Dike area to contain spill. Eliminate all sources of ignition. Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Recover or absorb spilled material using an absorbent designed for chemical spills. Place used absorbents into proper waste containers.

## Section 7: Handling and Storage

Handling Procedures: Use with adequate ventilation. Keep out of reach of children. Do not smoke while using. Do not use near heat, sparks or open flame. Do not incinerate cans.

Storage Procedures: Store in a cool dry area out of direct sunlight. Aerosol cans must be maintained below 120 F to prevent cans from rupturing.

Aerosol Storage Level: III

## Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Acetone	1000	NE	500	750	NE		ppm
Ethyl acetate	400	NE	400	NE	NE		ppm
Petroleum distillates	NE	NE	NE	NE	NE		
Hexane	500	NE	50	NE	NE		ppm
Propane	1000	NE	1000	NE	NE		ppm
Butane	800 (v)	NE	1000	NE	NE		ppm
N.E. – Not Established      (c) – ceiling      (s) – skin      (v) – vacated							

Engineering Controls: Area should have ventilation to provide fresh air. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at the source, preventing dispersion into the general work area. Use mechanical means if necessary to maintain vapor levels below the exposure guidelines. If working in a confined space, follow applicable OSHA regulations.

Respiratory Protection: None required for normal work where adequate ventilation is provided. If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies.

Eye/face Protection: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

Skin Protection: Use protective gloves such as nitrile. Also, use full protective clothing if there is prolonged or repeated contact of liquid with skin.

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**Section 9: Physical and Chemical Properties**

Physical State: liquid  
Color: red  
Odor: solvent  
Specific Gravity: 0.770 – 0.780  
Initial Boiling Point: 133 F  
Freezing Point: ND  
Vapor Pressure: ND  
Vapor Density: ND (air = 1)  
Evaporation Rate: > 1 (butyl acetate = 1)  
Solubility: insoluble in water  
pH: NA  
Volatile Organic Compounds: wt %: 59.5 g/L: 461 lbs./gal: 3.8

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**Section 10: Stability and Reactivity**

Stability: Stable  
Conditions to Avoid: Open flames; temperatures above 120 F  
Incompatible Materials: Strong oxidizers  
Hazardous Decomposition Products: Oxides of carbon, hydrocarbons  
Possibility of Hazardous Reactions: No

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**Section 11: Toxicological Information**

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

**ACUTE EFFECTS**

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Acetone	LD50	5800 mg/kg	Oral	Rat
Hexane	LD50	28710 mg/kg	Oral	Rat
Hexane	LD50	3000 mg/kg	Dermal	Rabbit
Hexane	LC50	48000 ppm/4H	Inhalation	Rat

**CHRONIC EFFECTS**

**Carcinogenicity:**

	<u>Component</u>	<u>Result</u>
OSHA:	None listed	
IARC:	None listed	
NTP:	None listed	

**Mutagenicity:** No information available

**Other:** None

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**Section 12: Ecological Information**

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity: hexane - 48 Hr EC50 water flea: 3.87 mg/L  
96 Hr LC50 Lepomis macrochirus: 4.12 mg/L  
Persistence / Degradability: No information available  
Bioaccumulation / Accumulation: No information available  
Mobility in Environment: No information available

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**Section 13: Disposal Considerations**

Disposal: The dispensed liquid product is a RCRA hazardous waste for the characteristic of ignitability with a waste code of D001. (See 40 CFR Part 261.20 – 261.33)  
Aerosol containers should be fully emptied and depressurized before disposal. Empty containers may be recycled.

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

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**Section 14: Transport Information**

Proper shipping description:

US DOT (ground): Consumer Commodity, ORM-D

Special Provisions: None

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**Section 15: Regulatory Information**

**U.S. Federal**

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: Ethyl acetate (5000 lbs), Acetone (5000 lb), Hexane (5000 lbs)

**Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.**

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories: Fire Hazard Yes  
Reactive Hazard No  
Release of Pressure Yes  
Acute Health Hazard Yes  
Chronic Health Hazard No

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:  
Hexane (< 40%)

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): Hexane

Consumer Product Safety Act General Conformity Certification: This product was evaluated by CRC Industries, Inc., and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location listed in Section 1 of this MSDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above-mentioned regulations.

**State Regulations**California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

This product may contain the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: NONE

State Right to Know:

New Jersey: 141-78-6, 110-54-3, 74-98-6, 106-97-8  
 Pennsylvania: 141-78-6, 110-54-3, 74-98-6, 106-97-8  
 Massachusetts: 141-78-6, 110-54-3, 74-98-6, 106-97-8  
 Rhode Island : 141-78-6, 110-54-3, 74-98-6, 106-97-8

**Additional Regulatory Information:** None

**Section 16: Other Information**

NFPA: Health: 1 Flammability: 4 Reactivity: 0  
 HMIS: Health: 1 Flammability: 4 Reactivity: 0 PPE: B

Prepared By: Michelle Rudnick  
 CRC #: 05017  
 Revision Date: 12/03/2008

Changes since last revision: Section 2 revised

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. 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
PMCC:	Pensky-Martens Closed Cup	g/L:	grams per Liter
PPE:	Personal Protection Equipment	lbs./gal:	pounds per gallon
TWA:	Time Weighted Average	STEL:	Short Term Exposure Limit
OSHA:	Occupational Safety and Health Administration		
ACGIH:	American Conference of Governmental Industrial Hygienists		
NIOSH:	National Institute of Occupational Safety & Health		