

Revision: September 2, 2004

**BARS PRODUCTS**

Holly, MI 48442

P.O. Box 187

(248) 634-8278

**MATERIAL SAFETY DATA SHEET****Material Identification and Use**

**PRODUCT IDENTIFIER:** C16/R6  
**PRODUCT USE:** Radiator Stop Leak and Conditioner  
**MANUFACTURER'S NAME:** Bar's Products  
**EMERGENCY PHONE NUMBER:** 800.521.7475  
**DATE PREPARED:** September 26, 2001

**Ingredients Information**

<b>CHEMICAL IDENTITY</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>	<b>Percent</b>	<b>CAS Number</b>
Deionized water				65 - 75	7732-16-5
Organic Material				25 - 30	N/A
Ethylene Glycol		50ppm		<2	107-21-1
Preservative				<1	9036-19-5
Sodium Hydroxide	2 mg/M3			<0.5	1310-73-2

**Physical Data for Product**

**BOILING POINT** 212 degrees F  
**VAPOR PRESSURE (mm Hg.)** <<1  
**VAPOR DENSITY (air=1)** Not determined  
**SOLUBILITY IN WATER** Dispersible  
**APPEARANCE AND ODOR** Brown Liquid - Characteristic Odor  
**SPECIFIC GRAVITY (H2O=1)** 1,366  
**MELTING POINT** N/A  
**EVAPORATION RATE (Butyl Acetate=1)** <<1  
**FREEZE POINT** 10°  
**MAXIMUM V.O.C.** 0 Grams/liter.

**Fire and Explosion Hazard of Product**

**FLASHPOINT AND METHOD  
OF DETERMINATION** Not applicable.  
**LOWER EXPLOSION LIMIT  
(% By Volume)** Not applicable  
**UPPER EXPLOSION LIMIT  
(% By Volume)** Not applicable

**MEANS OF EXTINCTION**

Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water spray to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gasses, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces, or as otherwise needed.

**FOR FIRE**

Self contained breathing equipment and chemical resistant clothing recommended.

**EXPLOSION DATA**

Extreme heat may cause sealed containers to rupture. Cool fire exposed containers with water spray.

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**Reactivity Data**


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**CHEMICAL STABILITY**

Stable

**CONDITIONS TO AVOID**

None known

**INCOMPATIBLE MATERIALS**

None known

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition will cause the formation of oxides of carbon and nitrogen.

**HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID**

Will not occur  
Not applicable

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**Health Hazard Data**


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**ROUTES OF ENTRY****SKIN CONTACT**

Yes

**INHALATION**

Not likely under normal usage.

**INGESTION**

Yes

**HEALTH HAZARDS**

Direct contact with the eyes can cause irritation, redness or blurred vision. Product may be slightly to moderately irritating to the skin.

**CARCINOGENICITY**

Non carcinogenic

**SYMPTOMS OF EXPOSURE**

Contact with the skin may cause transient dermal irritation or dryness.

**MEDICAL CONDITIONS GENERALLY**

Not determined

**AGGRAVATED BY EXPOSURE****SPECIFIC FIRST AID PROCEDURES****EYES**

Flush with clear water for 15 minutes.

**SKIN CONTACT**

Wash thoroughly with mild soap and water.

**INGESTION**

Contact a Physician if irritation persists.

Do not induce vomiting. If conscious, give two glasses of water and call a physician immediately.

**Precautions for Safe Handling and Use**

**LEAK AND SPILL PROCEDURES** Contain spill. Collect and return large amounts to shipping container. Rinse spill area with water. Keep product out of sewers and watercourses. Advise authorities if product has entered sewers, watercourses or extensive land areas.

**WASTE DISPOSAL** Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

**HANDLING AND STORING PROCEDURES** Keep out of eyes. Do not reuse container. Do not store sealed container near extreme heat. Do not store or mix with strong acids or oxidizers. Avoid exposing product to freezing temperatures.

**Control Measures**

**RESPIRATORY PROTECTION** Generally not needed.

**LOCAL EXHAUST** N/A

**MECHANICAL EXHAUST** N/A

**SPECIAL EXHAUST** N/A

**OTHER VENTILATION** N/A

**PROTECTIVE GLOVES** Use chemical-resistant gloves to avoid prolonged or repeated skin contact.

**EYE PROTECTION** Use safety glasses.

**WORK/HYGENIC PROCEDURES** Always wash skin after contact with product.

**Other Product Data**

<b>NFPA* RATING</b>		<b>HMIS* RATING</b>	
HEALTH	1	HEALTH	1
FLAMMABILITY	1	FLAMMABILITY	0
REACTIVITY	0	REACTIVITY	0
SPECIAL	-	PERSONAL PROTECTION	B

\* National Fire Protection Agency

\*Hazardous Material Identification System

**Regulatory Information**

**DOT PROPER SHIPPING NAME** Non-regulated

**DOT HAZARD CLASS** Non-hazardous

**DOT IDENTIFICATION NUMBER** Not applicable

**DOT PACKING GROUP** Not applicable

**DOT LABEL REQUIRED** Not applicable

**SARA TITLE III**

SECTION 302 Extremely Hazardous Substance None

SECTION 311/312 Hazardous Categories Not applicable

SECTION 313 Toxic Chemicals None

**CERCLA REPORTABLE QUANTITY** Not applicable

**TSCA INVENTORY STATUS** Chemical components listed on TSCA inventory

**RCRA WASTE NUMBER** Not applicable

While the information and recommendations sent forth herein are believed to be accurate as of the date thereof, Bar's Products makes no warranty with respect thereto and disclaims all liability from reliance thereon.