

# Material Safety Data Sheet

# MSDS

Section 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION	
Product Brand: Bar's Leaks®	Product Part #: 1186
Bar's Products 720 West Rose Street P.O. Box 187 Holly, Michigan 48442	Product Name: Liquid Aluminum Radiator Cooling System Stop Leak
	24-Hour Emergency CHEMTEL INC. U.S. & Canada 1-800-255-3924 International 813-248-0585
	Information: 1-248-634-8278 / www.barsleaks.com
	Date Prepared: 10-20-08

Section 2—COMPOSITION / INFORMATION ON INGREDIENTS					
Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS NUMBER	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
<i>All other components are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.</i>					

Section 3—HAZARDS IDENTIFICATION						
Potential Health Effects:	EYE -	Irritation				
	SKIN -	Irritation				
	INHALATION -	Dizziness				
	INGESTION -	Nausea, vomiting, cramps				
Acute Health Hazards:	No data available					
Chronic Health Hazards:	No data available					
Medical Conditions Aggravated by Exposure:	No data available					
Target Organ Effects:	No data available					
Carcinogenicity:	OSHA	No	IARC	No	NTP	No

Section 4—FIRST AID MEASURES	
Eye:	Flush with large amounts of water for 15 minutes.
Skin Contact:	Wash with soap and water for 15 minutes.
Inhalation:	Remove victim to fresh air and get medical attention.
Ingestion:	Drink water to dilute. Get medical attention.
Note To Physician:	Treat for clinical symptoms.

Section 5—FIRE FIGHTING MEASURES *						
Flash Point (Method Used):	No Flash below 75° / TAG Closed Cup/ASTM D-56					
Flammable Limits	LEL (lower explosion limit):	N/A				
	UEL (upper explosion limit):	N/A				
Extinguishing Media:	Water, foam, dry chemical, CO2.					
Special Fire Fighting Procedures:	Always use self contained breathing apparatus.					
Unusual Fire and Explosion Hazards:	None known.					
NFPA National Fire Protection Agency:	Health 0	Flammability 0	Reactivity 0			
HMIS Hazardous Material Identification:	Health 0	Flammability 0	Reactivity 0	PPE	B	

Section 6—ACCIDENTAL RELEASE MEASURES	
Spill or Leak Procedures:	Absorb free liquid with earth, sand, clay, or absorbent pads.

Section 7—HANDLING AND STORAGE			
Storage Temperature (MIN/MAX):	N/E	Shelf Life:	N/E
Handling/Storage Precautions:	Clean, dry area.		

Section 8—EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Controls:	None
Respiratory Protection:	None required, but use NIOSH approved in poor ventilation
Skin Protection:	Rubber or vinyl gloves.
Eye Protection:	Goggles or safety glasses.

Section 9—PHYSICAL / CHEMICAL PROPERTIES*			
Physical State:	Liquid	Freezing Point:	N/D
Appearance:	Gray metallic and clear, viscous liquid.	Melting Point:	N/A
Odor:	Odorless	Boiling Point °F (°C):	N/D
Solubility in Water:	Complete	Evaporation Rate:	N/D
Specific Gravity (H <sup>2</sup> O = 1):	1.01	Vapor Density (AIR = 1):	N/D
pH:	7.0-9.0	Vapor Pressure (mm Hg):	N/D
Percent Volatiles (VOC):	0%		

Section 10—STABILITY AND REACTIVITY	
Chemical Stability:	Stable
Incompatibility:	Strong Acids and Strong Oxidizers
Hazardous Decomposition Products:	None known
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Strong acids and strong oxidizers.

Section 11—TOXICOLOGICAL INFORMATION	
Long-term toxicological studies have not been conducted for this product.	

Section 12—ECOLOGICAL INFORMATION	
Ecotoxicological Information:	No data available
Environmental Fate:	No data available

Section 13—DISPOSAL CONSIDERATIONS	
Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.	

Section 14—TRANSPORTATION INFORMATION	
U.S. Proper Shipping Name:	N/A
DOT (Domestic Surface) Hazard Class or Division:	Non Hazardous
IMO / IMDG (Ocean) Hazard Class Division Number:	Not regulated
ICAO / IATA (Air) Hazard Class Division Number:	Not regulated

Section 15—REGULATORY INFORMATION	
SARA Title III Section 302 Extremely Hazardous Substances:	None
SARA Title III Section 311/312 Hazard Categories:	N/A
SARA Title III Section 313 Toxic Chemicals:	None
OSHA Status:	Not regulated
TSCA Status:	Chemical components listed on TSCA inventory
CERCLA Reportable Quantity:	N/A

Section 16—OTHER INFORMATION			
NOTE: Not all of these tests are routinely run. It is recommended that you conduct your own.			
N/A	Not Applicable	N/E	Not Established
N/D	Not Determined		