

**MATERIAL SAFETY DATA SHEET
CORTEC CORPORATION
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PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC
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EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

*****Bull Frog Coolant System Additive 96496*****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Bull Frog Coolant Sys. Add. 96496**

PRODUCT DESCRIPTION: A proprietary mixture of corrosion inhibitors.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
N.A.		N.E.	N.E.

Carcinogenic: OSHA = no NTP = no IARC = no

SECTION III - PHYSICAL DATA

COLOR: Clear Amber NON-VOLATILE(weight): 49-55%
 PHYSICAL FORM: Liquid VAPOR DENSITY: N.E.
 pH: 8.9-9.3 (NEAT) VAPOR PRESSURE: N.E.
 BOILING RANGE: N.E. MELTING RANGE: N.A.
 ODOR: Faint
 WEIGHT GALLON: 9.4-9.5 lb./gal (1.13-1.14 kg/l)
 EVAPORATION RATE: Same as water.

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION: 0
 FLASH POINT: None
 FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.
 EXTINGUISHING MEDIA: Water, carbon dioxide or other dry chemical fire fighting agents.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None
 SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:
Eye Contact: Flush eyes with water for at least 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. If irritation persists, consult a physician.
Inhalation: Remove to an uncontaminated area, administer oxygen if necessary. Get medical attention. Ingestion: If victim is conscious, give milk or water and induce vomiting. If victim has stopped breathing begin CPR. Get immediate medical attention.
 MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known.
 PRIMARY ROUTES OF ENTRY: Inhalation, skin contact, Eye contact.
 HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:
 1. Eye contact with this product may be irritating.
 2. Repeated or prolonged skin contact with this product may product mild, reversible skin irritation.
 3. Inhalation of product vapors and/or particle mists resulting from the use of this product may be harmful.
 4. Ingestion of this product may be harmful.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur
 HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of nitrogen and carbon.
 INCOMPATIBILITY: Strong acids, alkalis and oxidizing agents
 CONDITIONS TO AVOID: Contact with incompatible materials

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb on sweeping compound or other absorbent material. WASTE DISPOSAL: Incinerate or dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: A NIOSH approved dust/mist respirator is recommended if particle mists are generated.
 PROTECTIVE GLOVES: Chemical resistant rubber or plastic.
 EYE PROTECTION: safety goggles.
 OTHER PROTECTIVE EQUIPMENT: Eye wash station, safety shower.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and repeated skin contact.
 PRECAUTIONS TO BE TAKEN IN STORING: Keep containers tightly closed.

SECTION X - SHIPPING DATA

DOT SHIPPING NAME: N.A. U.N. / N.A. NUMBER: N.A.
 DOT HAZARD CLASS.: N.A. T.S.C.A. STATUS: Listed
 DOT REQUIRED LABELS: N.A.
 TECHNICAL SHIPPING NAME: N.A.
 FREIGHT CLASS BULK: Same as above
 LTL: 55 TL: 35 MW: 36
 PREPARED BY: Margarita Kharshan, Lab. Director
 APPROVED BY: Boris Miksic, President/CEO
 DATE PREPARED: 11/19/02 SUPERSEDES: 4/8/97

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N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE