**MATERIAL SAFETY DATA SHEET**

**CORTEC CORPORATION**

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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**

<table>
<thead>
<tr>
<th>INGREDIENT NAME(S)</th>
<th>WEIGHT PERCENT</th>
<th>OCCUPATIONAL EXPOSURE LIMITS</th>
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<td></td>
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<td>TLV OR PEL</td>
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<tr>
<td>N.A.</td>
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<td>N.E.</td>
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Carcinogenic: OSHA = no  NTP = no  IARC = no

**SECTION III - PHYSICAL DATA**

COLOR: Clear Amber  NON-VOLATILE(weight): 41-45%

PHYSICAL FORM: Liquid  VAPOR DENSITY: N.E.

pH: 9.0-9.5 (NEAT)  VAPOR PRESSURE: N.E.

BOILING RANGE: N.E.  MELTING RANGE: N.A.

ODOR: Faint  WEIGHT GALLON: 9.1-9.3 lb./gal

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: Tom Nelson, Bull Frog Brand Manager

APPROVED BY: Boris Miksic, President/CEO

DATE PREPARED: 4/8/97  SUPERSEDES: 9/6/96

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