

MATERIAL SAFETY DATA SHEET
CORTEC CORPORATION
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ST. PAUL, MINNESOTA 55110
PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC
FAX: 651-429-1122

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

***** Bull Frog Rust Remover 94236 *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **Bull Frog Rust Remover 94236**

PRODUCT DESCRIPTION: Organic acid-based rust remover in gel form.

SECTION II - HAZARDOUS INGREDIENTS

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

Carcinogenic: **OSHA** = no **NTP** = no **IARC** = no

SECTION III - PHYSICAL DATA

COLOR: Dark brown PHYSICAL FORM: Gel
ODOR: Mild NON-VOLATILE (weight): 42-47%
pH: N.A. VAPOR DENSITY: N.E.
MELTING RANGE: N.A. VAPOR PRESSURE: N.E.
BOILING RANGE: N.E. EVAPORATION RATE: N.E.
DENSITY: 9.6-9.8 lb/gal (1.15-1.17 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 0
FLASH POINT: N.E.
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 and appropriate protective clothing

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:
Eye Contact: Flush eyes with large quantities of 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. If victim has stopped breathing begin CPR. Get medical attention. Ingestion: If swallowed, give water or milk and induce vomiting. Get immediate medical attention.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known
PRIMARY ROUTES OF ENTRY: Skin and eye contact.
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:
1. Eye contact with this product will produce irritation.
2. Repeated or prolonged contact will produce skin irritation. Frequent exposure may induce dermatitis in sensitive individuals.
3. Inhalation of product vapors is not considered a health hazard due to the low vapor pressure of the active ingredients.
4. Ingestion of this product may be harmful.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS (under fire conditions): Carbon monoxide and dioxide.
INCOMPATIBILITY: Strong oxidizers, bases, peroxides and halogens.
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: Dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Not generally required.
PROTECTIVE GLOVES: Not generally required.
EYE PROTECTION: Safety goggles.
OTHER PROTECTIVE EQUIPMENT: N.A.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye contact and prolonged or repeated skin contact. Workers should thoroughly wash hands with soap and water prior to eating, drinking, smoking and using lavatory.
PRECAUTIONS TO BE TAKEN IN STORING: Store in a cool dry place.

SECTION X - SHIPPING DATA

DOT/IMDG/IATA SHIPPING NAME: N.A.
U.N. / N.A. NUMBER: N.A.
DOT/IMDG/IATA HAZARD CLASS.: N.A.
T.S.C.A. STATUS: Listed
DOT/IMDG/IATA REQUIRED LABELS: N.A.
TECHNICAL SHIPPING NAME: N.A.
FREIGHT CLASS BULK: Same as above
LTL: 70 TL: 35 MW: 30

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APPROVED BY: Boris Miksic, President/CEO
DATE PREPARED: 12/4/98 SUPERSEDES: 1/27/98

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