

KRISS PREMIUM PRODUCTS INC
3400 E 42ND STREET
MINNEAPOLIS, MN 55406

EMERGENCY NUMBERS:
CHEM TREC (24 HRS) 1-800-424-9300
INFORMATION: (612) 722-8485

PRODUCT NAME:

Trade Name: **RP-749 CORROSION INHIBITOR**

SECTION 1: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENT</u>	<u>CAS #</u>	<u>TWATLV</u>
SODIUM NITRITE	(7632-00-0)	N/E
POTASSIUM HYDROXIDE	(1310-58-3)	TWA 2MG/M (3) (CEILING)
2-MERCAPTOBENZOTHAZOLE	(2492-26-4)	N/E

SECTION 2: PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212⁰ F.
Vapor Pressure (mm Hg): 17
Vapor Density (Air =1): N/A
Solubility in Water: COMPLETE

Specific Gravity (H₂O =1): 1.11
Melting Point: N/A
Evaporation Rate (Butyl =1): N/A

Appearance and Odor: CLEAR, NON-VISCOUS LIQUID, SLIGHT ODOR.

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method): NOT CONSIDERED A FIRE HAZARD AS SUPPLIED.

Flammability Limits: LEL: N/D UEL: N/D

Extinguishing Media:

Use media appropriate for surrounding fire.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus with full face-piece approved by NIOSH. Use water spray to cool exposed containers.

Unusual Fire Explosion Hazards:

It may react with organic or other materials resulting in an explosion and fire. Toxic fumes may be released.

NFPA Hazard Rating: Health: 2 Fire: 0 Reactivity: 2 Special:

SECTION 4 – REACTIVITY DATA

Stability: STABLE UNDER NORMAL CONDITIONS

Incompatibility:

Inorganic acids, organic nitrogen compounds, organic mixtures. Avoid contact with strong reducing agents that include hydrogen, hydrazine, sulfides, and sulfites.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Oxides of nitrogen, carbon monoxide, carbon dioxide.

SECTION 5: HEALTH HAZARDS

Routes of Entry: INHALATION: YES SKIN AND EYES: YES INGESTION: YES

Inhalation: Inhalation of mist or spray may cause irritation to the respiratory system

Eye Contact:

May be irritating. Chronic exposure may cause visual problem.

Skin Contact:

May be irritating to tissues contacted. Will cause irritation and burns to exposed area.

Ingestion:

May cause burns and tissue perforation of membranes of mouth, throat, esophagus, and stomach if swallowed in large amounts. May cause nausea, vomiting, cyanosis, convulsions and coma. Chronic exposure may cause headaches, visual problems and decreased pressure.

First Aid:

Eye Contact:

Immediately flush eyes with large quantities of water periodically lifting lids to ensure washing of entire surface. Seek medical attention if irritation persists.

Skin Contact:

Immediately wash contaminated area with plenty of water. Remove contaminated clothing under shower. Seek medical attention if irritation persists.

Inhalation:

Move to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get medical attention.

SECTION 5: HEALTH HAZARDS CONT'D

Ingestion:

DO NOT INDUCE VOMITING! Give victim water to dilute stomach contents. Seek medical attention.

Chemicals listed as Carcinogen by:

OSHA: NO

I.A.R.C. MONOGRAPHS: NO

NATIONAL TOXICOLOGY PROGRAM: NO

SECTION 6: SPECIAL PROTECTION INFORMATION

Ventilation type:

Normal ventilation is usually adequate. If exposure limits are exceeded, mechanical ventilation is necessary.

Respiratory Protection:

Not normally required. If exposure limits are exceeded, a NIOSH approved respirator should be used.

Skin Protection:

Rubber gloves, boots and apron.

Eye Protection:

Chemical splash goggles or face shield.

Other Equipment:

None

Additional Protective Measures:

Eye wash and shower facilities should be available.

SECTION 7: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURE

Handling and Storage:

Keep containers closed. Avoid contact with strong acids to prevent reaction. Avoid freezing product.

Spill and Leak Procedure:

Contain spill. Recover free product. To clean up residue, use an absorbent. Put in a sealed labeled container for proper disposal. Avoid runoff to ground water, surface waters, and sewers.

Waste Disposal:

Follow all federal, state, and local regulations for disposal.

Other Precautions:

Minimize skin contact. Wash with soap and water before eating, drinking, smoking, or using toilet facilities.

KRISS PREMIUM PRODUCTS INC
3400 E 42ND STREET
MINNEAPOLIS, MN 55406

EMERGENCY NUMBERS:
CHEM TREC (24 HRS) 1-800-424-9300
INFORMATION: (612) 722-8485

SECTION 8 - REGULATORY INFORMATION

Proper Shipping Name: **CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8 (POTASSIUM HYDROXIDE, SODIUM NITRITE)**

Hazard Class: **8**

ID Number: **UN3266**

Packing Group: **III**

Label Requirements: **CORROSIVE**

END OF FORM

Date prepared: 10/23/01

The seller makes no warranty expressed or implied concerning the accuracy or any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.