



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: X-1499
Product Number: HTJCNG8B, HTJCNG4B, HTJCNGQC, HTJCNGGC
Intended Use: Corrosion inhibitor

COMPANY IDENTIFICATION

Supplier: Hubbell Power Systems
 210 North Allen Street
 Centralia, Missouri U.S.A.

Phone Number: (573) 682-8465
24 Hour Emergency (INFOTRAC): (800) 535-5053 (US and Canada)
 (352) 323-3500 (International)

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION

| Health | Environmental | Physical |
|----------------------------------|-------------------------|-------------------------|
| Skin Sensitization - Category 1A | No Classifiable Hazards | No Classifiable Hazards |

LABELLING

Symbols:



Signal Word: Warning

Hazard Statements

- H317: May cause an allergic skin reaction

Precautionary Statements

- Avoid breathing dust/fume/gas/mist/vapors/spray
- P272: Contaminated work clothing should not be allowed out of the workplace
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P302+352: IF ON SKIN: Wash with plenty of water
- P363: Wash contaminated clothing before reuse
- P333+313: If skin irritation or a rash occurs: Get medical advice/attention
- P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Other Hazards: No additional information available

Unknown Acute Toxicity: Not applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES

| Name | CAS# | Wt. Percentage* |
|---|------------|-----------------|
| 1,3,4-Thiadiazole,2,5-bis(octyl)dithio- | 13539-13-4 | 0.40 |



* 99.60 % material composition inclusive of inert and non-hazardous filler withheld as trade secret in accordance with paragraph 1910.1200(i)(1). There are no additional ingredients present which, within the current knowledge of distributor and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4

FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES:

| | |
|----------------------|---|
| Inhalation: | Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if condition worsens |
| Skin Contact: | IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention |
| Eye Contact: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention |
| Ingestion: | Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell |

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

| | |
|---|--|
| Symptoms/Effects After Inhalation: | Not a normal route of exposure |
| Symptoms/Effects After Skin Contact: | May cause skin irritation. Symptoms may include redness, drying, and cracking of the skin. May cause an allergic skin reaction |
| Symptoms/Effects After Eye Contact: | May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling |
| Symptoms/Effects After Ingestion: | May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea |

Indication of Any Immediate Medical Attention and Special Treatment Needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

See toxicological information (Section 11)

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry chemical. Foam. Carbon dioxide. Water spray.

Unsuitable Extinguishing Media: Do not use water jet

Products of Combustion:

May include and are not limited to oxides of carbon

Reactivity:

No dangerous reactions known under normal conditions of use

Protection of Firefighters:

Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)

SECTION 6

ACCIDENTAL RELEASE MEASURES

General Measures:

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel

For Non-Emergency Personnel:

No additional information available

For Emergency Responders:

No additional information available

Environmental Precautions:

Prevent entry to sewers and public waters

Methods for Containment:

Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment

Methods for Clean-Up:

Sweep or shovel spills into appropriate container for disposal

Other Information:

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7

HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Handling: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not



Hygiene Measures: swallow. Handle and open container with care. When using do not eat, drink or smoke
Wash contaminated clothing before reuse. Always wash hands after handling the product
Storage: Keep out of the reach of children. Keep container tightly closed

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

| | |
|---|----------------|
| 1,3,4-Thiadiazole, 2,5-bis(octyldithio)- (13539-13-4) | Not applicable |
|---|----------------|

Appropriate Engineering Controls: Ensure good ventilation of the work station

INDIVIDUAL PROTECTION MEASURES

Eye/Face Protection: Safety glasses or goggles are recommended when using product
Hand Protection: Wear suitable gloves resistant to chemical penetration
Skin and Body Protection: Wear suitable protective clothing
Respiratory Protection: None necessary under normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment
Environmental Exposure Controls: Avoid release to the environment
Other Information: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

| | |
|--|-------------------------------------|
| Appearance: | Paste |
| Physical State: | Solid |
| Color: | Brown |
| Odor: | Odorless |
| Odor Threshold: | No data available |
| pH: | No data available |
| Melting Point: | No data available |
| Freezing Point: | No data available |
| Boiling Point: | No data available |
| Flash Point: | No data available |
| Relative Evaporation Rate (Butylacetate=1): | No data available |
| Flammability (Solid, Gas): | Not flammable |
| Vapor Pressure: | No data available |
| Relative Vapor Density at 20 °C: | No data available |
| Relative Density: | No data available |
| Solubility: | No data available |
| Partition Coefficient n-Octanol/Water: | No data available |
| Auto-Ignition Temperature: | No data available |
| Decomposition Temperature: | No data available |
| Viscosity, Kinematic: | No data available |
| Viscosity, Dynamic: | No data available |
| Explosive Limits: | No data available |
| Explosive Properties: | No data available |
| Oxidizing Properties: | No data available |
| Other Information: | No additional information available |

SECTION 10 STABILITY AND REACTIVITY

| | |
|--|---|
| Chemical Stability: | Stable under normal conditions |
| Reactivity: | No dangerous reactions known under normal conditions of use |
| Possibility of Hazardous Reactions: | No dangerous reactions known under normal conditions of use |
| Conditions to Avoid: | Heat. Incompatible materials |
| Incompatible Materials: | Oxidizing materials |
| Hazardous Decomposition Products: | May include and are not limited to oxides of carbon |



SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

| | |
|---|-------------------------------------|
| Acute Toxicity (Oral): | Not classified |
| Acute Toxicity (Dermal): | Not classified |
| Acute Toxicity (Inhalation): | Not classified |
| Skin Corrosion/Irritation: | Not classified |
| Serious Eye Damage/Irritation: | Not classified |
| Respiratory or Skin Sensitisation: | May cause an allergic skin reaction |
| Germ Cell Mutagenicity: | Not classified |
| Carcinogenicity: | Not classified |
| Reproductive Toxicity: | Not classified |
| STOT-Single Exposure: | Not classified |
| STOT-Repeated Exposure: | Not classified |
| Aspiration Hazard: | Not classified |

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

| | |
|----------------------|--|
| Inhalation: | Not a normal route of exposure |
| Skin Contact: | May cause skin irritation. Symptoms may include redness, drying, and cracking of the skin. May cause an allergic skin reaction |
| Eye Contact: | May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling |
| Ingestion: | May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea |

SECTION 12 ECOLOGICAL INFORMATION

| | |
|---------------------------------------|--|
| Ecotoxicity: | May cause long-term adverse effects in the aquatic environment |
| Persistence and Degradability: | Not established |
| Bioaccumulative Potential: | Not established |
| Mobility in Soil: | No additional information available |
| Effect On The Global Warming: | No known effects from this product |
| Other Information: | No other effects known |

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose in a safe manner in accordance with local/national regulations

SECTION 14 TRANSPORTATION

| Regulatory Information | UN Number | Proper Shipping Name | Transport Hazard Class | Hazard labels | Packing Group |
|------------------------|----------------------|----------------------|------------------------|---------------|---------------|
| DOT | Not regulated by DOT | | | | |
| TDG | Not regulated by TDG | | | | |

SECTION 15 REGULATORY INFORMATION

Federal Regulations:

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories

International Regulations: No additional information available

US State Regulations: California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm



SECTION 16

OTHER INFORMATION

Key to Abbreviations:

ATE = Acute Toxicity Estimate
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Code
UN = United Nations
TDG = Transportation of Dangerous Goods
TSCA = United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL= Canadian Domestic Substances List/Non-Domestic Substances List

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