

## SAFETY DATA SHEET

## **Section 1. IDENTIFICATION**

### Product Identifier

**Product Name** Copper Thred Gard.

### Other means of Identification

Product Code CG04, CG08, CG16.

Recommended Use Anti Seize Compound.

Recommended Restrictions None Known.

Manufacturer

Address 4520 Richmond Road

Cleveland OH 44128

Telephone 1-800-846-7325

Emergency Telephone Number: Call Chemtrec at 1-800-424-9300

## **Section 2. HAZARDS IDENTIFICATION**

PHYSICAL STATE: Grease Like

### Classification:

|                                   |            |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 2 |
| Skin sensitization                | Category 1 |

#### Signal Word:

## Warning



#### Hazard Statements:

H319 – Causes serious eye irritation.

H317 – May cause an allergic skin reaction

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Precautionary Statements:

Prevention: Not expected to be present a hazard during normal use.

Response: P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313–If eye irritation persists: Get medical advice/attention.

P332 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

Disposal: P501 - Dispose of contents/container to an approved waste disposal plant.

Other Hazards: Toxic to aquatic life with long lasting effects.

Unknown Acute Toxicity: 2% of the mixture consists of ingredient(s) of unknown toxicity.

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### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

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| Chemical Name | CAS Number | Weight % |
|---------------|------------|----------|
| Petroleum oil | 64741-96-4 | 60-80    |
| Copper flakes | 7440-50-8  | 5-10     |

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### Section 4. FIRST AID MEASURES

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First Aid Measures:

Eye Contact Rinse thoroughly with plenty of water, for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact If skin irritation occurs, rinse affected area with water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

## Copper Thred Guard

Ingestion                    Do NOT induce vomiting Get medical attention immediately. Rinse mouth with water. Never give anything by mouth to an unconscious individual.

### Most Important Symptoms and effects:

Symptoms                    Direct contact with eyes may cause temporary irritation.  
                                  Do NOT ingest.

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## Section 5. FIRE-FIGHTING MEASURES

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Suitable Extinguishing Media:                    Use foam, dry chemical, carbon dioxide or water fog.

Unsuitable Extinguishing Media:                    Avoid solid water stream as it may scatter and spread fire.

Specific Hazards Arising from the Chemical:

Carbon oxides expected to be the primary hazardous combustion product.

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus and other protective clothing (approved or equivalent) and full protective gear.

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## Section 6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:                    Use personal protective equipment as required. Keep unnecessary personnel away.

Methods and Material for Containment and Cleaning Up:

Methods for Containment:                    Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up:                    Keep in suitable, closed containers for disposal.

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## Section 7. HANDLING AND STORAGE

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Precautions for Safe Handling:

Advice on Safe Handling:                    Avoid breathing vapors or mists. Contaminated work-clothing should not be allowed out of the workplace.

Conditions for Safe Storage, including

Copper Thred Guard

Any Incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.  
Do not store near heat, sparks, or open flames.  
KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: None known based on information supplied.

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## Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Exposure Guidelines:

| Chemical Name                     | ACGIH TWA           | ACGIH STEL | OSHA TWA            |
|-----------------------------------|---------------------|------------|---------------------|
| Petroleum oil<br>(CAS 64741-96-4) | 5 mg/m <sup>3</sup> | N/A        | 5 mg/m <sup>3</sup> |
| Copper flakes<br>(CAS 7440-50-8)  | 1 mg/m <sup>3</sup> | N/A        | 1 mg/m <sup>3</sup> |

Appropriate Engineering Controls:

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as  
Personal Protective Equipment:

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: No protective equipment is needed under normal use conditions.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. If confined in poorly ventilated areas use NIOSH/MSHA

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash exposed areas thoroughly before eating, drinking, smoking or leaving work area. Launder contaminated clothing before reusing.

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## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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Information on Basic Physical and Chemical Properties

Physical State: Grease like. Odor: Mild.  
Appearance: Viscous.. Odor Threshold: Not available.  
Color: Coppery

| <u>Property</u> | <u>Values</u> |
|-----------------|---------------|
| pH              | N/A           |

|  |                           |                    |
|--|---------------------------|--------------------|
|  |                           | Copper Thred Guard |
| Melting Point/Freezing Point               | Not determined.           |                    |
| Boiling Point/Boiling Range                | Not determined.           |                    |
| Flash Point                                | >400F (>205C) Closed Cup. |                    |
| Evaporation Rate                           | Not determined.           |                    |
| Flammability (Solid, Gas)                  | n/a-liquid                |                    |
| Upper Flammability Limit                   | Not determined.           |                    |
| Lower Flammability Limit                   | Not determined.           |                    |
| Vapor Pressure                             | Not determined.           |                    |
| Vapor Density                              | Not determined.           |                    |
| Specific Gravity                           | Not determined            |                    |
| Water Solubility                           | None.                     |                    |
| Solubility in other Solvents               | Not determined.           |                    |
| Partition Coefficient<br>(n-octanol/water) | Not determined.           |                    |
| Auto-ignition Temperature                  | Not determined.           |                    |
| Decomposition Temperature                  | Not determined.           |                    |
| Kinematic Viscosity                        | Not determined.           |                    |
| Explosive Properties                       | Not determined.           |                    |
| Oxidizing Properties                       | Not determined            |                    |

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## Section 10. STABILITY AND REACTIVITY

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Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Keep out of reach of children.

Incompatible Materials: None known.

Hazardous Decomposition Products: Oxides of carbon.

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## Section 11. TOXICOLOGICAL INFORMATION

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Information on Likely Routes of Exposure:

. Copper Thred Guard.

Eye Contact: Causes serious eye irritation.

Skin Contact: May cause an allergic skin reaction.

Inhalation: Avoid breathing vapors or mists.

Ingestion: Do not taste or swallow.

Component Information:

| Chemical Name                      | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------------|-----------|-------------|-----------------|
| Petroleum oil<br>(CAS 64741-96-4 ) | N/A       | N/A         | N/A             |
| Copper flakes<br>( CAS 7440-50-8)  | N/A       | N/A         | N/A             |

Information on physical, chemical and toxicological effects:

Symptoms: Please section 4 of this SDS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long Term Exposure:

Sensitization: May cause an allergic skin reaction.

Carcinogenicity: Not classifiable as a human carcinogen.

| Chemical Name                     | ACGIH   | IARC    | NTP     | OSHA    |
|-----------------------------------|---------|---------|---------|---------|
| Petroleum oil<br>(CAS 64741-96-4) | No Data | No Data | No Data | No Data |
| Copper flakes<br>(CAS740-50-8)    | No Data | No Data | No Data | No Data |

Legend

IARC (International Agency for Research on Cancer).

Group3 IARC components are “not classifiable as human carcinogens”.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical Measures of Toxicity:

Not Determined.

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## Section 12. ECOLOGICAL INFORMATION

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Ecotoxicity:

Toxic to aquatic life with lasting effects.

| Chemical Name                 | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|-------------------------------|----------------------|------|----------------------------|-----------|
| Petroleum oil<br>(64741-96-4) | N/D                  | N/D  | N/D                        | N/A       |
| Copper flakes<br>(7440-50-8)  | N/D                  | N/D  | N/D                        | N/D       |
|                               |                      |      |                            |           |

Persistence/Degradability: Not determined.

Bioaccumulation: Not determined.

Mobility: Not determined.

Other Adverse Effects: Not determined.

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## Section 13. DISPOSAL CONSIDERATIONS

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Waste Treatment Method:

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## Section 14. TRANSPORT INFORMATION

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DOT: Not Regulated

PROPER SHIPPING NAME: N/A.

IDENTIFICATION NUMBER: N/A

IATA: Not regulated

IMDG: Not regulated..

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## Section 15. REGULATORY INFORMATION

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International Inventories: Not determined.

U.S. Federal Regulations: Not determined.

Petroleum oil  
SARA 313: No.

Copper flakes  
SARA 313 Yes

TSCA Inventory:  
CERCLA RQ Yes  
5,0000 lbs.

U.S Right-to-Know Regulations: Not determined.

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## Section 16. OTHER INFORMATION

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|       |                     |                   |                  |                                   |
|-------|---------------------|-------------------|------------------|-----------------------------------|
| NFPA: | Health Hazards<br>1 | Flammability<br>1 | Instability<br>0 | Special Hazards<br>Not determined |
| HMIS  | Health Hazards<br>1 | Flammability<br>1 | Instability<br>0 | Special Hazards<br>Not determined |

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**DISCLAIMER:**

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End of Safety Data Sheet