



SAFETY DATA SHEET

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Issue Date: 24 May 2017
Copper Cote Grease
Version: 2

Product name: Copper Cote Grease

1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: Copper Cote Grease

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI7-1022

USE: Copper and graphite based lubricant designed to minimize seizing of equipment

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: www.hi-tecoils.com.au
Email: hitecoils@hi-tecoils.com.au

2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS
Hazard classification according to criteria of NOHSC and GHS.
Dangerous Goods classification according to the Australian Dangerous Goods.

POISON SCHEDULE: Not scheduled

GHS LABEL ELEMENTS:



SIGNAL WORD: WARNING



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2. HAZARDS IDENTIFICATION (CONT)

GHS HAZARD CLASSIFICATIONS

ENVIRONMENTAL HAZARDS:

H400: Aquatic Acute 1
H412: Aquatic Chronic 3

HAZARD STATEMENTS:

H400: Very toxic to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P273: Avoid release to the environment.
P391: Collect spillage.
P501: Dispose of contents/ container in accordance with national regulations.

OTHER HAZARDS:

This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS:

Paste

INGREDIENTS:-

CHEMICAL ENTITY

Copper Paste

Ingredients determined to be non-hazardous

CAS NO

-

PROPORTION

5 - 10 %

To 100%

4. FIRST AID MEASURES

GENERAL INFORMATION:

You should call the POISONS INFORMATION CENTRE if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

INHALATION:

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

SKIN CONTACT:

Rinse with water.

EYE CONTACT:

Rinse with water. Get medical attention if any discomfort continues.

INGESTION:

Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

FIRST AIDER:

First aid personnel should wear appropriate protective equipment during any rescue.

NOTES TO PHYSICIAN:

Treat symptomatically.





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4. FIRST AID MEASURES (CONT)

SYMPTOMS & EFFECTS (BOTH ACUTE & DELAYED)

GENERAL INFORMATION:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
INHALATION:	No specific symptoms known.
SKIN CONTACT:	Prolonged contact may cause dryness of the skin.
EYE CONTACT:	No specific symptoms known. May be slightly irritating to eyes.
INGESTION:	No specific symptoms known.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher, as this will spread the fire.
SPECIFIC HAZARDS:	None known.
HAZARDOUS COMBUSTION PRODUCTS:	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
FIRE FIGHTING:	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities. Wear positive-pressure self-contained breathing apparatus and protective clothing (including helmets, protective boots and gloves). Use personal protective equipment as required.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk.
ENVIRONMENTAL PRECAUTIONS:	Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.



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6. ACCIDENTAL RELEASE MEASURES (CONT)

METHODS OF CLEANING UP:

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

SAFE HANDLING:

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

GENERAL HYGIENE:

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

SAFE STORAGE:

Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

STORAGE CLASS:

Miscellaneous hazardous material storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

EYE/FACE PROTECTION:

Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

SKIN & BODY PROTECTION:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HAND PROTECTION:

No specific hand protection recommended. Avoid contact with skin.

HYGIENE MEASURES:

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT)

RESPIRATORY PROTECTION:	Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.
ENVIRONMENTAL EXPOSURE CONTROLS:	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste
COLOUR:	Copper
ODOUR:	Almost odourless
MELTING POINT (°C):	>200°C
FLASH POINT (°C):	>200°C
SOLUBILITY (IES)	Soluble in the following materials: Mineral acids. Organic solvents
SOLUBILITY IN WATER	Insoluble

10. STABILITY AND REACTIVITY

REACTIVITY:	There are no known reactivity hazards associated with this product.
CHEMICAL STABILITY:	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
CONDITIONS TO AVOID:	There are no known conditions that are likely to result in a hazardous situation.
INCOMPATIBLE MATERIALS:	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
HAZARDOUS DECOMPOSITION PRODUCTS:	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
HAZARDOUS REACTIONS:	No potentially hazardous reactions known.



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11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL:	LD ₅₀ - Based on available data the classification criteria are not met. ATE (mg/kg) – 10, 0000.0
DERMAL:	LD ₅₀ - Based on available data the classification criteria are not met.
INHALATION:	LC ₅₀ - Based on available data the classification criteria are not met.
SKIN CORROSION/IRRITATION:	Animal data - Based on available data the classification criteria are not met.
SERIOUS EYE DAMAGE/IRRITATION:	Based on available data the classification criteria are not met.
RESPIRATORY SENSITISATION:	Based on available data the classification criteria are not met.
SKIN SENSITISATION:	Based on available data the classification criteria are not met.
GERM CELL MUTAGENICITY:	Based on available data the classification criteria are not met.
CARCINOGENICITY:	Based on available data the classification criteria are not met.
IARC CARCINOGENICITY:	None of the ingredients are listed or exempt.
REPRODUCTIVE (FERTILITY):	Based on available data the classification criteria are not met.
REPRODUCTIVE (DEVELOPMENT):	Based on available data the classification criteria are not met.
STOT – SINGLE EXPOSURE:	Not classified as a specific target organ toxicant after a single exposure.
STOT – REPEATED EXPOSURE:	Not classified as a specific target organ toxicant after repeated exposure.
ASPIRATION HAZARD:	Not relevant. Solid.

GENERAL INFORMATION

INHALATION:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. No specific symptoms known.
INGESTION:	No specific symptoms known.
SKIN CONTACT:	Prolonged contact may cause dryness of the skin.
EYE CONTACT:	No specific symptoms known.
ROUTE OF ENTRY:	Ingestion. Inhalation. Skin and/or eye contact.
TARGET ORGANS:	No specific target organs known.



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12. ECOLOGICAL INFORMATION

ECOTOXICITY	Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	The degradability of the product is not known.
BIOACCUMULATIVE POTENTIAL:	No data available on bioaccumulation.
MOBILITY IN SOIL:	No data available.
OTHER ADVERSE EFFECTS	None known.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
DISPOSAL METHODS:	Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

14. TRANSPORT INFORMATION

GENERAL: For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

	ADR/RID	IMDG	ICAO	ADN
UN No.:	3077	3077	3077	3077
UN PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.			
TRANSPORT HAZARD CLASSES:	9 & M7	9	9	9
PACKING GROUP:	III	III	III	III
ADR/RID TRANSPORT LABEL:	9			





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14. TRANSPORT INFORMATION (CONT)

ENVIRONMENTAL HAZARDS: Environmentally hazardous substance/marine pollutant.

PRECAUTIONS FOR USER Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS: F-A, S-F
ADR TRANSPORT CATEGORY: 3
EMERGENCY ACTION CODE: 2Z
HAZARD IDENTIFICATION NUMBER: 90
(ADR/RID)
TUNNEL RESTRICTION CODE: (E)

Transport in bulk according to Annex II of MARPOL and the IBC Code.

15. REGULATORY INFORMATION

POISON SCHEDULE: Not scheduled.
PACKING & LABELLING: Refer to Section 14.
AUSTRALIAN INVENTORY STATUS: All components are listed or exempted.

16. OTHER INFORMATION

CONTACT PERSON/POINT: General Manager 1300 796 009

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.



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16. OTHER INFORMATION (CONT)

- LITERATURE REFERENCES:
- * NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
 - * NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
 - * NOHSC: 10005 List of Designated Hazardous Substances.
 - * NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
 - * NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
 - * NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
 - * NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
 - * NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
 - * NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
 - * SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
 - * ADG: Australian Dangerous Goods Code
 - * MSDS of component materials.

LAST CHANGE: Supercedes document issued: 1st November 2012
Reason/s for revision: Minor editorial changes to comply with GHS requirements.

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END OF SDS