



ASTRAL SAFETY DATA SHEET

COPPER HIGH-TEMP LUBE LIQUID

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: COPPER HIGH TEMPERATURE LUBRICANT LIQUID

PART No.: AJCHT

SUPPLIER: Astral Chemical Solutions Ltd
P.O. Box 250
Whitefield
Manchester M45 8XQ
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EMERGENCY TELEPHONES (+0044) (0) 161 620 5400 **NOTE: TO BE USED FOR CHEMICAL EMERGENCIES ONLY!!!**

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
WHITE SPIRIT	64742-82-1	1-5 %	Xn, N	65, 66, 51/53
PROPAN-2-OL	67-63-0	1-5 %	Xi	36, 67

3. HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES

INHALATION: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION: Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. DO NOT INDUCE VOMITING! Get medical attention if any discomfort continues.

SKIN: Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water. Get medical attention if any discomfort continues.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: No specific usage precautions noted.
STORAGE PRECAUTIONS: No special storage precautions noted.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
WHITE SPIRIT	64742-82-1	SUP.	600 mg/m ³	
PROPAN-2-OL	67-63-0	OES.	400 ppm	500 ppm

PROTECTIVE EQUIPMENT:



VENTILATION:

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK ROUTINES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material. **DO NOT SMOKE IN WORK AREA!**

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	COLOUR:	Red brown.
ODOUR/TASTE:	Mild (or faint).	SPECIFIC GRAVITY (Water=1):	0.98
SOLUBILITY DESCRIPTION:	Insoluble in water.		

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS, GENERAL:

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION:

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

INGESTION:

May cause irritation of the mouth, throat and digestive tract causing vomiting and abdominal pain.

SKIN:

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYES:

Contact may cause irritation.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

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14. TRANSPORT INFORMATION

ROAD:
UN No: 0
HAZARD CLASS (ADR): Not classified for transportation.
RAIL:
SEA:
AIR:

15. REGULATORY INFORMATION

RISK PHRASES: Not classified.
SAFETY PHRASES: S-2 Keep out of reach of children.
S-46 If swallowed seek medical advice immediately and show this container label.
UK REGULATORY REFERENCES:
The Control of Substances Hazardous to Health Regulations 1988.
Chemicals (Hazard Information & Packaging) Regulations 1993.
EC DIRECTIVES: System of specific information relating to Dangerous Preparations. 91\155.
STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.
GUIDANCE NOTES: Occupational Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

16. OTHER INFORMATION

REVISION DATE: 12-01
REVISION No. /REPLACES SDS ISSUED:
11-01

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