

SAFETY DATA SHEET

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PRINT DATE: 16/12/1997

REF: HCG50TN

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: HIGH CONDUCTIVITY GREASE
Product code: HCG50TN
Supplier: ELECTROLUBE
H.K. Wentworth Ltd.,
Wentworth House, Blakes Road,
Wargrave, Berkshire, RG10 8AW, United Kingdom.
Emergency telephone number: 0118 9404031 **Fax No:** 0118 9403084

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EC-No	Class	Weight %
NON HAZARDOUS CONSTITUENTS				100

3. HAZARDS IDENTIFICATION

Most important hazards: Non hazardous
Specific hazards: Solvents may degrease the skin. Prolonged skin contact may cause skin irritation and/or dermatitis. Contact with eyes may cause irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance.
Inhalation: No hazards which require special first aid measures.
Skin contact: Wash off with soap and plenty of water.
Eye contact: Flush eye(s) immediately with plenty of water. If eye irritation persists, consult a specialist.
Ingestion: Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with waterspray, dry chemical or alcohol foam
Extinguishing media which must not be used for safety reasons: high volume water jet
Specific hazards: Standard procedure for chemical fires
Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary
Specific methods: Cool containers / tanks with spray water

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear personal protective equipment
Environmental precautions: Do not flush into surface water
Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) After cleaning, flush away traces with water

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7. HANDLING AND STORAGE

Handling: When using, do not eat, drink or smoke. Avoid contact with the skin and the eyes.
Storage: Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name: NON HAZARDOUS CONSTITUENTS
National occupational exposure limits:

Engineering measures: Ensure adequate ventilation
Personal protection equipment:
- **Respiratory protection:** No personal respiratory protective equipment normally required
- **Hand protection:** solvent-resistant gloves
- **Eye protection:** not required under normal use
- **Skin and body protection:** not required under normal use
Hygiene measures: When using, do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	paste		
Colour:	copper		
Odour:	not significant		
Boiling point/range:	371		°C
Melting point/range:	n/d		°C
Flash point:	293		°C
Autoignition temperature:	360		°C
Explosion limits:	- lower	0.9	vol. %
	- upper	7.0	vol. %
Vapour pressure:	(20 °C)	< 0.015	hPa
Relative density:	(20 °C)	>= 1.20	
Bulk density:		1200	kg/m ³
Solubility:			
Water solubility	(20 °C)	insoluble	(g/l)

10. STABILITY AND REACTIVITY

Stability: Stable.
Conditions to avoid: none under normal use
Materials to avoid: strong acids and oxidizing agents
Hazardous decomposition products: No decomposition if stored and applied as directed

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Not applicable
Local effects: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea
Sensitization: Not applicable
Long term toxicity: No persistent or cumulative effects were observed
Chronic toxicity: Not applicable

12. ECOLOGICAL INFORMATION

Mobility: Aquatic toxicity is unlikely due to low solubility.
Persistence and degradability: Not readily biodegradable.
Bioaccumulation: Not applicable

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Ecotoxicity effects: Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Can be offered for recycling, re-conditioning or puncture

14. TRANSPORT INFORMATION

Proper shipping name Not classified as dangerous in the meaning of transport regulations

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC

- **Contains:** Not applicable
- **Symbol(s):**

R-phrase(s):

S-phrase(s): S2 - Keep out of reach of children. S3 - Keep in a cool place.

16. OTHER INFORMATION

Recommended use:

Recommended restrictions:

Revision number: 0

Further information: CN no. 34039990
Contact Name: Carolyn Booth
Department: Technical

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.