

SAFETY DATA SHEET

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PRINT DATE: 11/06/1998

REF: AGC400

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

Product name: COPPER ANTISEIZE FLUID
Product code: AGC400
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 %
BUTANE	106-97-8	203-448-7	F+; R12	25 - 50
HEPTANE	142-82-5	205-563-8	F; R11	10 - 25
NON HAZARDOUS CONSTITUENTS				> 25

3. HAZARDS IDENTIFICATION

Most important hazards: Extremely flammable
Specific hazards May cause irritation of respiratory tract. May cause slight eye/skin irritation. Solvents may degrease the skin. High concentration of vapours may induce unconsciousness / narcosis.

4. FIRST AID MEASURES

General advice: Use only in well-ventilated areas.
Inhalation: Move to fresh air. Consult a physician after significant exposure.
Skin contact: In the case of skin irritation or allergic reactions see a physician.
Eye contact: Flush eye(s) immediately with plenty of water. If eye irritation persists, consult a specialist.
Ingestion: Immediately give large quantities of water to drink. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with dry chemical or foam.
Extinguishing media which must not be used for safety reasons: Do not use a solid water stream as it may scatter and spread fire.
Specific hazards: Cool containers / tanks with spray water.
Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition. Use personal protective equipment.
Environmental precautions: Do not flush into surface water or sanitary sewer system.
Methods for cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste.

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7. HANDLING AND STORAGE

- Handling:** Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Do not breath vapours or spray mist. Do not smoke.
- Storage:** Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name:	National occupational exposure limits: HSC(EH40)
BUTANE	Long term (8 hrs) = 600ppm / 1450mgm ⁻³ Short term (15 min) = 750ppm / 1810mgm ⁻³
HEPTANE	
NON HAZARDOUS CONSTITUENTS	

- Engineering measures:** Ensure adequate ventilation, especially in confined areas.
- Personal protection equipment:**
- **Respiratory protection:** not required under normal use.
 - **Hand protection:** solvent-resistant gloves.
 - **Eye protection:** safety glasses
 - **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:	liquid
Colour:	copper
Odour:	solvent
Boiling point/range:	94 °C
Flash point:	< 0 °C
Autoignition temperature:	> 220 °C
Explosion limits:	- lower 1.9 vol. % - upper 9.5 vol. %
Relative density:	(20 °C) >= 0.8
Solubility:	
Water solubility	insoluble (g/l)

10. STABILITY AND REACTIVITY

- Stability:** No decomposition if stored and applied as directed.
- Conditions to avoid:** Do not expose to temperatures above 50°C. Keep away from open flames / hot surfaces. Keep away from sources of ignition.
- Materials to avoid:** Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions
- Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

- Acute toxicity:** No data is available on the product itself
- Local effects:** May cause skin irritation in susceptible persons. May cause sensitisation by skin contact. May cause irreversible eye damage.
- Sensitization:** Not applicable
- Long term toxicity:** No data is available on the product itself

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Chronic toxicity: Inhalation of vapours in high concentration may cause irritation of respiratory system / narcosis. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

12. ECOLOGICAL INFORMATION

Mobility: Completely miscible with water.
Persistence and degradability: Readily biodegradable, according to appropriate OECD test.
Bioaccumulation: None.
Ecotoxicity effects: LC50/96h/fathead minnows = 9600 mg/l

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.
Contaminated packaging: Do not pierce or burn even when empty

14. TRANSPORT INFORMATION

UN-No: 1950

ADR/RID

Class: 2 **Item:** 5° F
HI/UN No: 1950

Proper shipping name: Aerosol dispensers**IMO**

Class: 2.1 **IMDG Page:** 2102
EmS: 2-13 **MFAG:** 620

Proper shipping name: Aerosol dispensers**ICAO****Class:** 2.1 **UN/ID No:** 1950**Proper shipping name:** Aerosols, 30**15. REGULATORY INFORMATION**

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

- **Contains:** Butane
- **Symbol(s):**



F+ -
 Extremely
 flammable

R-phrases: R12 - Extremely flammable.**S-phrases:** S9 - Keep container in a well-ventilated place.. S16 - Keep away from sources of ignition - No smoking..**16. OTHER INFORMATION****Recommended use:****Recommended restrictions:****Revision number:** 1

Further information: CN NO: 34039990
 Contact Name: Carolyn Booth
 Department: Technical

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