

SAFETY DATA SHEET

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PRINT DATE: 11/06/1998

REF: CTC400H

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

Product name: CARTERCLENE
Product code: CTC400H
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	< 5
~PROPAN-2-OL	67-63-0	200-746-9	F; R11 (Sweden: V; R320/322, R313)	< 5

NON HAZARDOUS CONSTITUENTS > 90

3. HAZARDS IDENTIFICATION

Most important hazards: Non hazardous.
Specific hazards: Aerosol dispensers, compressed liquefied gas. High concentration of vapours may induce unconsciousness / narcosis. May cause skin irritation and/or dermatitis.

4. FIRST AID MEASURES

General advice: Remove from exposure, lie down.
Inhalation: Move to fresh air
Skin contact: Wash off immediately with soap and plenty of water. Treat frostbitten areas as needed
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. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Extinguishing media which must not be used for safety reasons: Not applicable.
Specific hazards: Not applicable.
Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable gloves and eye/face protection
Environmental precautions: No special environmental precautions required.

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Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling: Use only in well-ventilated areas. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. When using, do not eat, drink or smoke.

Storage: Keep containers tightly closed in a cool, well-ventilated place < 45°C

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
~PROPAN-2-OL	Long term (8 hrs) = 400ppm / 999mgm ⁻³ Short term (15 min) = 500ppm / 1250mgm ⁻³

NON HAZARDOUS CONSTITUENTS

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

- **Respiratory protection:** No special precautions required.
- **Hand protection:** Latex gloves.
- **Eye protection:** No special precautions required.
- **Skin and body protection:** No special precautions required

Hygiene measures: In accordance with local and national regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	colourless
pH: (20 °C)	7 - 8
Boiling point/range:	>100 °C
Flash point:	> 60 °C
Relative density: (20 °C)	>= 0.97
Solubility:	
Water solubility (20 °C)	completely soluble (g/l)

10. STABILITY AND REACTIVITY

Stability: Stable. No decomposition if stored and applied as directed.

Conditions to avoid: Keep away from open flames / hot surfaces.

Materials to avoid:

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: IPA: LD50/oral/rat = 5.05g/kg, LD50/dermal/rabbit = 16.4 ml/kg

Local effects: May cause skin irritation in susceptible persons

Sensitization: May cause sensitization by skin contact

Long term toxicity: Liver injury may occur

Chronic toxicity: Effects of excessive exposures may include liver toxicity

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12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.
Persistence and degradability: Readily biodegradable, according to appropriate OECD test
Bioaccumulation: Not applicable
Ecotoxicity effects: Not applicable

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 **Marine pollutant:** No

ADR/RID

Class: 2 **Item:** 5^oA
Proper shipping name: Aerosol dispensers
Proper shipping name: not a dangerous substance as defined in the above regulations

ICAO

Class: 2.2
Proper shipping name Aerosols, 20

15. REGULATORY INFORMATION

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

- **Contains:**
- **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:** 7

Further information: CN no: 34029010
Contact Name: Carolyn Booth
Department: Technical

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