

SAFETY DATA SHEET

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PRINT DATE: 08/06/1998

REF: PCC025P

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

Product name: PC CLENE 25 PACK
Product code: PCC025P
Supplier: AUTOMATION FACILITIES
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 %
MORPHOLINE	110-91-8	203-815-1	R10 Xn; R20/21/22 C; R34	< 1
MONOPROPYLENE GLYCOL METHYL ETHER	107-98-2	203-539-1	R10	< 10
NON HAZARDOUS CONSTITUENTS				> 90

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.

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor in attendance.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.
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. 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: Not applicable
Specific hazards: Standard procedure for chemical fires
Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary
Specific methods: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear personal protective equipment
Environmental precautions: Do not flush into surface water



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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

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:**

MORPHOLINE

MONOPROPYLENE GLYCOL METHYL ETHER

NON HAZARDOUS CONSTITUENTS

**National occupational exposure limits:
HSC(EH40)**Long term (8 hrs) = 20ppm/72mgm⁻³Short term (15 min) = 30ppm/109mgm⁻³Long term (8 hrs) = 100ppm/375mgm⁻³Short term (15 min) = 300ppm/1120mgm⁻³**Engineering measures:**

Ensure adequate ventilation

Personal protection equipment:

- **Respiratory protection:** No personal respiratory protective equipment normally required
- **Hand protection:** not required under normal use
- **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:**

Liquid

Colour:

colourless

Odour:

characteristic

pH: (20 °C)

5 - 7

Boiling point/range:

>100 °C

Melting point/range:

>0 °C

Flash point:does not °C
flash**Flammability (solid, gas):**

no data available

Explosive properties:

no data available

Vapour pressure:

(20 °C) 23.3 hPa

Relative density:

(20 °C) >= 1.00

Solubility:**Water solubility**completely (g/l)
miscible**10. STABILITY AND REACTIVITY****Stability:**

Stable

Conditions to avoid:

No conditions to be specially mentioned.

Materials to avoid:

oxidizing agents (strong)

Hazardous decomposition products:

No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION**Acute toxicity:**

Not applicable

Local effects:

Contact with eyes may cause irritation

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Sensitization:	Not applicable
Long term toxicity:	Prolonged skin contact may cause skin irritation and/or dermatitis
Chronic toxicity:	Not applicable

12. ECOLOGICAL INFORMATION

Mobility:	
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:	Flush into sewer with plenty of water. Do not contaminate ponds, waterways or ditches with chemical or used container
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: 1

Further information: CN No. 34029010

Contact Name: Carolyn Booth

Department: Technical

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