

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:	National occupational exposure limits:
	HSC(EH40)
MORPHOLINE	Long term (8 hrs) = 20ppm/72mgm ⁻³ Short term (15 min) = 30ppm/109mgm ⁻³
MONOPROPYLENE GLYCOL METHYL ETHER	Long term (8 hrs) = 100ppm/375mgm ⁻³ Short term (15 min) = 300ppm/1120mgm ⁻³
NON HAZARDOUS CONSTITUENTS	

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 flash °C
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 miscible (g/l)

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
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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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