

SAFETY DATA SHEET

PAGE: 1 of 3

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

Product name: **PC CLENE 25 PACK**

PRINT DATE: 08/06/1998

REF: PCC025P

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

Product name: PC CLENE 25 PACK

PRINT DATE: 08/06/1998

REF: PCC025P

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-phrases:**S-phrases:** 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

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.