

SAFETY DATA SHEET

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PRINT DATE: 02/06/1998

REF: AST300

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

Product name: ASTAPOL
Product code: AST300
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 %
~PROPAN-2-OL	67-63-0	200-746-9	F; R11 (Sweden: V; R320/322, R313)	15
WHITE SPIRIT	64742-82-1	265-185-4	F; R10, Xn; R65, 52/53	< 3
GLUTARALDEHYDE	113-30-8	-	-	< 1
1,1,1,2-TETRAFLUOROETHANE (134a)	811-97-2	213-377-0		< 8
1,1-DIFLUOROETHANE (152a)	75-37-6	200-866-1	F+; R12	< 3
NON HAZARDOUS CONSTITUENTS				< 75

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

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear suitable gloves and eye/face protection
Environmental precautions:	No special environmental precautions required.
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)
~PROPAN-2-OL	Long term (8 hrs) = 400ppm / 999mgm ⁻³ Short term (15 min) = 500ppm / 1250mgm ⁻³
WHITE SPIRIT	Long term (8 hrs) = 100ppm / 575mgm ⁻³ Short term (15 min) = 125ppm / 720mgm ⁻³
GLUTARALDEHYDE	Short term (15 min) = 0.2ppm / 0.7mgm ⁻³
1,1,1,2-TETRAFLUOROETHANE (134a)	Long term (8 hrs) = 1000ppm / 4240mgm ⁻³
1,1-DIFLUOROETHANE (152a)	Long term (8 hrs) = 1000ppm (manufacturers recommendation)
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
Odour:	lavender
pH: (20 °C)	6-7
Boiling point/range:	100 °C
Flash point:	does not °C flash
Vapour pressure: (20 °C)	23.5 hPa
Bulk density:	1000 kg/m ³

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	No conditions to be specially mentioned
Materials to avoid:	strong oxidizing agents
Hazardous decomposition products:	No decomposition if stored and applied as directed

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11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not applicable
Local effects:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea
Sensitization:	Not applicable
Long term toxicity:	No persistent or cumulative effects were observed
Chronic toxicity:	Not applicable

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

ADR/RID

Class:	2	Item:	5 °A
Proper shipping name:	Aerosol dispensers		

IMO

Class:	-	IMDG Page:	-
EmS:	-	MFAG:	-
Proper shipping name:	not a dangerous substance as defined in the above regulations		

ICAO

Class:	2.2	UN/ID No:	1950
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: 5

Further information: CN no: 38140090
Contact Name: Carolyn Booth
Department: Technical

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