

SAFETY DATA SHEET

PRINTASOLVE 400ML

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

PRODUCT NAME: PRINTASOLVE 400ML

PART No.: EPRS400D

SUPPLIER: H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
Tel: 02 9938 1566
Fax: 02 9938 1566

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: ETHANOL 64-17-5	200-578-6	F R-11	30-60 %
METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	1-5 %
PROPAN-2-OL 67-63-0	200-661-7	Xi ,F R-11, 36, 67	10-30 %
BUTYL ACETATE 123-86-4	204-658-1	- R-10, 66, 67	1-5 %
SOLVENT NAPHTHA (petroleum, light) 64742-95-6	265-199-0	Xn ,N R-10, 37, 51/53, 65	30-60 %

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Highly flammable. Irritating to eyes and respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

4. FIRST AID MEASURES:

GENERAL: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention. NOTE! Keep affected person away from heat, sparks and flames!

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Rinse mouth thoroughly. Get medical attention.

SKIN:	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
EYES:	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Use: Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite etc.
SPECIAL FIRE FIGHTING PROCEDURES:	Move container from fire area if it can be done without risk.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.
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7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
STORAGE PRECAUTIONS:	Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
ETHANOL	64-17-5	OES	1000 ppm	No std.
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm
BUTYL ACETATE	123-86-4	OES	150 ppm	200 ppm
SOLVENT NAPHTHA (petroleum, light)	64742-95-6	SUP	50 ppm	

INGREDIENT COMMENTS:	OES = Occupational Exposure Standard. SUP = Supplier's recommendation.
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PROTECTIVE EQUIPMENT:



VENTILATION:	Provide sufficient ventilation during operations which cause vapour formation.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK PRACTICES:	No eating or drinking while working with this material. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. DO NOT SMOKE IN WORK AREA!

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Aerosol.		
COLOUR:	Colourless.		
ODOUR/TASTE:	Characteristic.		
BOILING POINT (°C, interval):	>78	Pressure:	
MELT./FREEZ. POINT (°C, interval):	>-117		
DENSITY/SPECIFIC GRAVITY (g/ml):	0.846	Temperature (°C):	20
BULK DENSITY:	846 kg/m ³		
VAPOUR PRESSURE:	6.26 kPa	Temperature (°C):	20
VISCOSITY (interval):	850 - 1450 mPas	Temperature (°C):	20
SOLUBILITY DESCRIPTION:	Immiscible with water.		
FLASH POINT (°C):	>12	Method:	CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%):	3.5		
FLAMMABILITY LIMIT - UPPER(%):	19		

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.

11. TOXICOLOGICAL INFORMATION:

INHALATION:	May cause irritation to the respiratory system.
INGESTION:	May cause stomach pain or vomiting.
SKIN:	Product has a defatting effect on skin. Prolonged or repeated exposure may cause severe irritation.
EYES:	Irritating to eyes.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:

UN No. ROAD:	1950
UK ROAD TRANSPORT CLASS:	2.1
UK ROAD PACK GR.:	Not Applicable
ADR CLASS No.:	2.1
ADR CLASS:	Division 2.1: Flammable gases.
ADR ITEM No.:	Not Applicable
ADR MARGINAL:	2201
ADR LABEL No.:	2.1
CEFIC TEC(R) No.:	20G5F
PROPER SHIPPING NAME I:	AEROSOLS
RID CLASS No.:	2.1
RID ITEM No.:	Not Applicable
UN No. SEA:	1950
IMDG CLASS:	2.1
IMDG PACK GR.:	Not Applicable
EmS No.:	F-E; S-U
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
UN No., AIR:	1950
ICAO CLASS:	2.1
AIR PACK GR.:	Not Applicable

15. REGULATORY INFORMATION:**LABEL FOR SUPPLY:**

RISK PHRASES:	<p>R-11 Highly flammable.</p> <p>R-36/37 Irritating to eyes and respiratory system.</p> <p>R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R-67 Vapours may cause drowsiness and dizziness.</p>
SAFETY PHRASES:	<p>S-16 Keep away from sources of ignition - No Smoking.</p> <p>S-23 Do not breathe gas/fumes/vapour/spray.</p> <p>S-25 Avoid contact with eyes.</p>

S-51 Use only in well ventilated areas.
SPECIAL PROVISIONS ON THE LABELLING OF AEROSOL DISPENSERS.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material.
 Keep out of the reach of children.

UK REGULATORY REFERENCES:	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972. Fire precautions Act 1971. Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.
ENVIRONMENTAL LISTING:	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980. Control of Pollution Act 1974.
EU DIRECTIVES:	System of specific information relating to Dangerous Preparations. 91\155. Dangerous Substance Directive 67\548. Dangerous Preparations Directive 88\379.
STATUTORY INSTRUMENTS:	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

USER NOTES:	CN No 38140090
REVISION COMMENTS:	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
ISSUED BY:	Helen O'Reilly
REVISION DATE:	MAY 2003
REV. No./REPL. SDS GENERATED:	0
SDS No.:	10503
DISCLAIMER:	This 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. The information contained 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 guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification
R-PHRASES (Full Text):	R-11 Highly flammable. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R-36 Irritating to eyes. R-67 Vapours may cause drowsiness and dizziness. R-10 Flammable. R-37 Irritating to respiratory system. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.