

# SAFETY DATA SHEET

## PENETRATING FLUID

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

**PRODUCT NAME:** PENETRATING FLUID

**PART No.:** EDGT400

**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.: PROPANE 74-98-6	200-827-9	Fx R-12	5-10 %
BUTANE 106-97-8	203-448-7	Fx R-12	10-30 %
Dearomatised Kerosene 64742-48-9	265-150-3	Xn R-65	30-60 %
2-BUTOXYETHANOL 111-76-2	203-905-0	Xn R-20/21/22, 36/38	1-5 %

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

### 3. HAZARDS IDENTIFICATION:

Extremely flammable.

DANGEROUS GOODS: NON HAZARDOUS SUBSTANCE.

### 4. FIRST AID MEASURES:

**INHALATION:** Move the exposed person to fresh air at once. Provide rest, warmth and fresh air.

**INGESTION:** Not relevant.

**SKIN:** Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**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:

<b>EXTINGUISHING MEDIA:</b>	Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Aerosol cans may explode in fires.

## 6. ACCIDENTAL RELEASE MEASURES:

**SPILL CLEANUP METHODS:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

## 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:** Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b>INGREDIENT NAME:</b>	<b>CAS No.:</b>	<b>STD</b>	<b>LT EXP 8 Hrs</b>	<b>ST EXP 15 Min</b>
2-BUTOXYETHANOL	111-76-2	OES	25 ppm(Sk)	50 ppm(Sk)
PROPANE	74-98-6		Asphyxiating	Asphyxiating
BUTANE	106-97-8	OES	600 ppm	750 ppm

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**VENTILATION:** All handling to take place in well ventilated area.

**RESPIRATORS:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

**PROTECTIVE GLOVES:** Use protective gloves.

**EYE PROTECTION:** Use eye protection.

**OTHER PROTECTION:** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENIC WORK PRACTICES:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE:** Aerosol. Liquid.

**COLOUR:** Brown.

**ODOUR/TASTE:** Solvent.

**BOILING POINT (°C, interval):** 150

**Pressure:**

**DENSITY/SPECIFIC GRAVITY (g/ml):** 0.800

**Temperature (°C):** 20

**SOLUBILITY DESCRIPTION:** Insoluble in water.

**FLASH POINT (°C):** <0

**Method:** CC (Closed cup).

**AUTO IGNITION TEMP. (°C):** >200

**10. STABILITY AND REACTIVITY:**

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

**11. TOXICOLOGICAL INFORMATION:**

<b>HEALTH HAZARDS, GENERAL:</b>	No specific health warnings noted.
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**12. ECOLOGICAL INFORMATION:**

<b>ECOLOGICAL INFORMATION:</b>	Not regarded as dangerous for the environment.
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**13. DISPOSAL CONSIDERATIONS:**

<b>DISPOSAL METHODS:</b>	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:**

<b>UN No. ROAD:</b>	1950
<b>UK ROAD TRANSPORT CLASS:</b>	2.1
<b>UK ROAD PACK GR.:</b>	Not Applicable
<b>ADR CLASS No.:</b>	2.1
<b>ADR CLASS:</b>	Division 2.1: Flammable gases.
<b>ADR ITEM No.:</b>	Not Applicable
<b>ADR MARGINAL:</b>	2201
<b>ADR LABEL No.:</b>	2.1
<b>CEFIC TEC(R) No.:</b>	20G5F
<b>PROPER SHIPPING NAME I:</b>	AEROSOLS
<b>RID CLASS No.:</b>	2.1
<b>RID ITEM No.:</b>	Not Applicable

<b>UN No. SEA:</b>	1950
<b>IMDG CLASS:</b>	2.1
<b>IMDG PACK GR.:</b>	Not Applicable
<b>EmS No.:</b>	F-D; S-U
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1950
<b>ICAO CLASS:</b>	2.1
<b>AIR PACK GR.:</b>	Not Applicable

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:



<b>RISK PHRASES:</b>	R-12 Extremely flammable.
<b>SAFETY PHRASES:</b>	S-16 Keep away from sources of ignition - No Smoking. S-51 Use only in well ventilated areas. S-9 Keep container in a well ventilated place. 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 away from sources of ignition - No smoking. Keep out of the reach of children.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION:

<b>USER NOTES:</b>	CN No 34039990
<b>REVISION COMMENTS:</b>	Revised in accordance with CHIP3 and EU Directive 1999/45/EC
<b>ISSUED BY:</b>	Helen O'Reilly
<b>REVISION DATE:</b>	MAY 2003
<b>REV. No./REPL. SDS GENERATED:</b>	0
<b>SDS No.:</b>	10813
<b>DISCLAIMER:</b>	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
<b>R-PHRASES (Full Text):</b>	R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R-36/38 Irritating to eyes and skin. R-12 Extremely flammable. R-65 Harmful: may cause lung

damage if swallowed.