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EMERGENCY CONTACTS

Emergency Contact Number: 0417 658 121 (Normal Business Hours & After Hours)
 Sydney Poisons Information Centre: 131 126

IDENTIFICATION

CLASSED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

Product Name:	ES FORMULA	UN Number:	1300
Other Name:	Turpentine Substitute	Dangerous Goods Class:	3 (Flammable)
Use:	As an industrial solvent	Subsidiary Risk:	None allocated
Poisons Schedule:	S5	Hazchem Code:	3 (Y)
		Packing Group:	III

PHYSICAL DESCRIPTION / PROPERTIES

Appearance & Odour:	Clear, colourless mobile liquid with hydrocarbon odour	Boiling Point:	>150
Specific Gravity @ 15 deg. C:	0.778g/ml	Solubility in Water:	Immiscible
Vapour Pressure:	(mmHg @ 20c <10.0	Flash Point:	35
Flammability Limits:	LEL – 1.0%; UEL – 6.0%		

OTHER PROPERTIES

CHEMICAL INGREDIENTS

Chemical Entity	Cas Number	Proportion
Medium Aliphatic Petroleum Solvent	64742-88-7	80-90%
Light Aromatic Petroleum Solvent	6472-95-6	10-20%

PRODUCT: ES Solvent

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed:	ES FORMULA is classified as toxic & harmful if swallowed. Vomiting may cause the product to be aspirated in the lungs possibly resulting in chemical pneumonitis.
Eye:	May cause moderate to severe eye irritation & pronounced inflammation
Skin:	May cause skin irritation after prolonged or repeated contact
Inhaled:	High vapour concentrations may cause irritation to mucous membrane and the respiratory tract. Prolonged exposure to vapours can affect the central nervous system and result in headaches and dizziness or unconsciousness
Chronic Effects:	Repeated or prolonged contact may cause irritant contact dermatitis

FIRST AID

Swallowed:	If swallowed, DO NOT induce vomiting. Give a glass of water. Contact a Doctor or Poisons Information Centre (13 11 26)
Eye:	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical advice.
Skin:	Remove contaminated clothing and wash skin with plenty of water. Contaminated clothing is to be laundered before re-use
Inhaled:	Remove victim from exposure & contaminated clothing – avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing has stopped, apply artificial respiration immediately. Seek medical advice.
Advice to Doctor:	Treat symptomatically. Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

PRECAUTIONS FOR USE

Exposure Standards:	As per Worksafe Australia
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Substance	TWA		STEL	
	ppm	Mg/m ³	ppm	Mg/m ³
Mineral Turpentine		480		

Engineering Controls:	Ensure ventilation is adequate to maintain air concentrations below exposure standards. If necessary, use local exhaust ventilation. Ventilation system must be explosion proof.
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Personal Protection:	Avoid all contact with eyes and skin. Wear chemical safety goggles, chemical resistant gloves. If there is a risk of exposure to high concentration of vapour, a respirator complying with AS1716 or equivalent should be worn. A safety shower/eye wash facility should be available in the immediate work area. Wash hands before eating, drinking, smoking or using the toilet.
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Flammability:	Flammable liquid. Avoid heat and sources of ignition. No smoking. Earth all containers to reduce the possibility of sparks from static electricity.
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SAFE HANDLING INFORMATION

Storage and Transport:	Containers with ES FORMULA should always be kept closed. Store in a cool dry place out of direct sunlight and away from sources of ignition. No smoking. Store away from oxidising agents and foodstuffs. Do not store in low or enclosed areas where vapours may become trapped. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
Proper Shipping Name:	Turpentine Substitute
Packaging Group:	III Not to be loaded with Class 1, Class 2.3, Class 4.2, Class 5.1, Class 5.2, Class 7
Packaging and Labelling:	As required by the ADG Code, National Code of Practice for the Labelling of Workplace Substances and the Standard for the Uniform Scheduling of Drugs and Poisons.
Spills and Disposals:	Extinguish all ignition sources. Prevent entry into drains. Collect with absorbent material eg. Sand or diatomaceous earth. Recover and seal in suitable containers. Contact authority for disposal.
Fire/Explosion Hazard:	Flammable liquid (Class 3). No smoking. Extinguish all ignition sources. Combustion products include oxides of carbon. Fire fighters to wear self-contained breathing apparatus, if risk or exposure to decomposition products. Use foam, CO2 or dry powder fire extinguisher.

OTHER INFORMATION

While the information contained herein is correct to the best of our knowledge. OSHER Chemicals herein disclaims any warranties as to the accuracy of the same. Recommendations or suggestions are made without guarantee or representation as to the result, since conditions of use are beyond our control. All materials are sold subject to and on conditions that the buyer shall make his own test to determine the suitability of such product for buyer's purposes. No statement contained herein shall be constructed as a recommendation to infringe any patent.

Dated – February 2006