

Product Name **MINERAL TURPS****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier Name CLEAN PLUS CHEMICALS PTY LTD
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Synonym(s) HIGH AROMATIC WHITE SPIRIT TURPENTINE • PRODUCT CODE – 437

Use(s) INDUSTRIAL SOLVENT

SDS Date 24 February 2010 v1
4 July 2012 v2

2. HAZARDS IDENTIFICATION**CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA****RISK PHRASES**

R20/21 Harmful by inhalation and in contact with skin
R65 Irritating to respiratory system and skin
R66 Repeated exposure may cause skin dryness or cracking
R67 Vapours may cause drowsiness and dizziness

SAFETY PHRASES

S2 Keep out of the reach of children
S16 Keep away from sources of ignition- no smoking
S23 Do not breathe vapour
S24/25 Avoid contact with skin and eyes
S61 Avoid release to the environment
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label

CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

UN No. 1300 **DG Class** 3 **Subsidiary Risk(s)** None Allocated
Packing Group III **Hazchem Code** 3[Y] **EPG** 3A1

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
XYLENE, MIXED ISOMERS	Not Available	1330-20-7	10-30%

1,3,5-TRIMETHYL BENZENE	Not Available	108-67-8	10-30%
1,2,4-TRIMETHYL BENZENE	Not Available	95-63-6	30-60%
1.2.3-TRIMETHYL BENZENE	Not Available	526-73-8	1-10%
N-PROPYL BENZENE	Not Available	103-65-1	1-10%

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.
Skin	If skin contact occurs, remove contaminated clothing and flush with running water.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting; transport to nearest medical facility for additional treatment.
Advice to Doctor	Causes central nervous system depression. Potential for chemical pneumonitis. Consider gastric lavage with protected airways.

5. FIRE FIGHTING MEASURES

Flammability	Flammable. May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition. Eliminate all ignition sources, including cigarettes, open flames, electrical equipment etc when handling.
Fire and Explosion	This product is flammable. Evacuate area and contact emergency services. Toxic gases (Hydrocarbons, carbon oxides) may be evolved. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire.
Extinguishing	Dry agent, carbon dioxide sand or foam. Prevent contamination of drains or waterways.
Hazchem Code	3[Y]

6. ACCIDENTAL RELEASE MEASURES

Spillage	Remove all sources of flame, sparks and heat. Absorb spilled material with a non-flammable absorbent such as vermiculite. Wear splash-proof goggles, PVC/rubber gloves coveralls and boots. Ventilate and clear area of all unprotected personnel.
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7. STORAGE AND HANDLING

Storage	Store out of direct sunlight and out of the reach of children, in a cool dry, well ventilated area, removed from oxidising agents (e.g. hypochlorites), acids (sulfuric acid), heat sources and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems.
Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personnel Hygiene, including washing hands before eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds

Ingredient	Reference	TWA		STEL	
Mineral Turpentine	AU OEL	90ppm	480mg/m3	-	-

Biological Limits No biological limit allocated.

Engineering Controls Ensure adequate natural ventilation. Flammable/ explosive vapours may accumulate in poorly ventilated confined areas.

PPE Personnel Protective Equipment is required under normal conditions of use. wear safety glasses or splash proof goggles and PVC/rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	COLOURLESS LIQUID	Solubility (Water)	NEGLECTIBLE
Odour	PARAFFINIC ODOUR	Specific Gravity	NOT AVAILABLE
Ph	NOT APPLICABLE	Volatiles	NOT AVAILABLE
Vapour Pressure	0.5 KPa	Flammability	FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	31°C
Boiling Point	148 -200°C	Upper Flammability Limit	6.5%
Melting Point	NOT AVAILABLE	Lower Flammability Limit	0.7%
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of use. Incompatible with oxidizing agent (e.g. hypochlorites, peroxides), acids (e.g. nitric acid), heat and ignition sources. Also incompatible with combustible materials and dangerous goods.

Decomposition May evolve toxic gases (carbon monoxide, carbon dioxide) if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard High toxicity. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and vapour inhalation. Chronic overexposure may cause liver/kidney damage.

Eye Moderate irritant. Liquid and mists contact may lead to damage to eyes.

Inhalation Moderate irritant. Over exposure may result in mucous membrane irritation of the nose and throat with coughing

Skin Mild irritant. Prolonged contact may lead to dermatitis.

Ingestion High toxicity. Ingestion of large quantities may result in nausea, vomiting , headache, dizziness, gastric disorders and symptoms of central nervous system depression.

Toxicity Data No data is available.

12. ECOLOGICAL INFORMATION

Environment Oxides rapidly by photo-chemical reactions in air. This product has the potential to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

Shipping Name	TURPENTINE SUBSTITUTE			Subsidiary Risk(s)	None Allocated
UN No.	1300	DG Class	3	EPG	None Allocated
Packing Group	III	Hazchem Code	3[Y]		

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number 6(S6) has been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information**ABBREVIATIONS:**

ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic meter.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

End of Report

Prepared By

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