

Material Safety Data Sheet

Infosafe No™. K1H1E Issue Date: May 2009 ISSUED by SEPTONE CS:
 Product Name: MINERAL TURPS 1.4.21

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name MINERAL TURPS
Product Code ASMT4, ASMT20
Company Name Septone Products Pty Ltd (ABN 50 009 745 537)
Address 44 Aquarium Avenue HEMMANT
 QLD 4174
Emergency Tel. (07) 3821 0623
Telephone/Fax Number Tel: (07) 3390 5044
 Fax: (07) 3390 5041
Email general@septone.com.au
Recommended Use General purpose cleaning solvent and architectural paint thinner.
Other Information The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Septone does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous according to criteria of NOHSC
 HAZARDOUS SUBSTANCE.
 DANGEROUS GOODS.
 Hazard classification according to the criteria of NOHSC.
 Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) Classified as hazardous according to criteria of NOHSC
 R38 Irritating to skin.
 R65 Harmful: may cause lung damage if swallowed.

Safety Phrase(s) S2 Keep out of reach of children.
 S23 Do not breathe gas/fumes/vapour/spray
 S24 Avoid contact with skin.
 S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Sensitization of Product Not considered to be a skin or respiratory sensitiser.

Teratogenicity Not considered to be a teratogen.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard</u>	<u>R Phrase</u>
	Mineral Turpentine	9005-90-7	60-100 %	Xn, Xi	R38, R65

4. FIRST AID MEASURES

Inhalation Rescuers should wear respiratory protection. Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation. For all but the most minor symptoms, seek medical attention.

Ingestion Do NOT induce vomiting. Give water to drink. Seek medical attention.

Skin Remove contaminated clothing and launder before re-use. Wash affected skin thoroughly with soap and water.

Eye Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.

First Aid Facilities A safety shower and an eye irrigation facility should be provided. This Material Safety Data Sheet should be provided to the attending medical doctor.

Advice to Doctor Inhalation: Treat symptomatically. CNS depression, characterised by headache and nausea.
Ingestion: Gastrointestinal irritation, nausea, vomiting and cramping. CNS depression, ranging from mild headache to anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with cuffed tube if large quantity ingested. Aspiration is the main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics are useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airways and vital functions. Avoid sympathomimetic amines.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Firefighters should fight large fires with AFFF foam. For smaller fires, suitable extinguishers are dry chemical, carbon dioxide or foam.

Special Protective Equipment for fire fighters If this product is involved in a fire, firefighters should wear full protective equipment including self-contained breathing apparatus.

Specific Hazards Keep intact containers cool with water spray as violent rupture may occur during a fire, with a subsequent increase in the fire load.

Hazchem Code 3[Y]

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Personnel involved in cleaning up any spills are to wear the appropriate protective equipment (refer to Personal Protection above). Remove all sources of heat or ignition. Do not smoke during the clean-up procedure. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or

diatomaceous earth (but not sawdust), and then transfer to sealed metal containers for disposal. Prevent the spillage from entering the sewerage system or waterways.

7. HANDLING AND STORAGE

Handling and Storage Must be stored in accordance with AS1940. Store in dangerous goods approved metal or plastic containers in a cool, well ventilated place isolated from all sources of heat or ignition, including sparks and naked flames. Keep away from strongly oxidising materials. Take precautions against static electricity discharges. Earth and bond all equipment. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air. Do not smoke whilst using this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	<u>Name</u>	mg/m³ (STEL)	ppm (STEL)	mg/m³ (TWA)	ppm (TWA)	TWA <u>Footnote</u>
	Mineral Turpentine			480		See Chapter 16
Engineering Controls	Ensure that the ventilation is adequate to maintain air concentrations below the exposure standard. If necessary, provide local exhaust ventilation. Ventilation equipment must be explosion proof. Isolate from all sources of heat or ignition, including sparks and naked flames.					
Personal Protective Equipment	Avoid contact with the skin and eyes and avoid breathing the vapour or spray mists. If prolonged or repeated skin contact is likely, oil impervious gloves should be worn. The wearing of safety glasses is recommended. Wear an organic vapour resistant respirator to AS 1716 if vapour concentrations exceed the exposure standard. Always wash skin and clothing after using this product.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Clear colourless liquid, solvent odour.
Boiling Point	148-200°C typical
Solubility in Water	Immiscible
Specific Gravity	0.805 @ 25°C
Vapour Pressure	0.5 kPa typical @ 20°C
Vapour Density (Air=1)	4.35 @ 15°C
Evaporation Rate	16 (n-Butyl Acetate = 100)
Volatile Component	100% w/w
Flash Point	31°C (Abel)
Flammability	Flammable.

Auto-Ignition Temperature	300°C typical
Flammable Limits - Lower	0.7%
Flammable Limits - Upper	3.4%

10. STABILITY AND REACTIVITY

Chemical Stability	Considered stable to heat and light. Store below 30°C.
Conditions to Avoid	Sources of heat or ignition, including sparks and naked flames. Static electricity discharges. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	During combustion, this product may produce carbon monoxide and other unidentifiable organic compounds.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation	May be harmful at high exposure levels. May irritate the nose and respiratory tract. Prolonged irritation may cause headaches and nausea.
Ingestion	Low toxicity. LD50 (rat) > 2000 mg/kg. Upon aspiration into the lungs, chemical pneumonitis may develop.
Skin	Mildly irritating to the skin. Signs of irritation include redness, itchiness and eventually cracking of the skin. Irritation usually only occurs after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the Mineral Turpentine. May lead to the onset of dermatitis.
Eye	Mildly irritating to the eyes. Signs of irritation include redness, soreness and tear production.
Chronic Effects	Skin irritation may occur after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the Mineral Turpentine. May lead to the onset of dermatitis. Repeated exposure affects the central nervous system.
Reproductive Toxicity	None of the components of this product is considered to be toxic to the unborn foetus.
Mutagenicity	None of the components of this product is considered to be a mutagen.
Carcinogenicity	None of the components of this product is considered to be a carcinogen.

12. ECOLOGICAL INFORMATION

Short Summary of	Readily biodegradable. Oxidises by photochemical reactions in air. Floats on water. Expected to be toxic to fish, aquatic
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Assessment of Environmental Impact invertebrates, algae and microorganisms. Has the potential to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in a suitable chemical dump (check the local statutory requirements).

Container Disposal Empty containers are recyclable.

14. TRANSPORT INFORMATION

Transport Information Transport according to the ACTDG.

U.N. Number 1300

Proper Shipping Name TURPENTINE SUBSTITUTE

DG Class 3

Hazchem Code 3[Y]

Packaging Method 3.8.3

Packing Group III

EPG Number 3A1

IERG Number 14

IMO Marine Pollutant Not considered by IMO to be a Marine Pollutant.

15. REGULATORY INFORMATION

Poisons Schedule S5

Hazard Category Harmful, Irritant

AICS (Australia) Listed on AICS.

16. OTHER INFORMATION

Contact Person/Point Technical Manager (07) 3390 5044

...End Of MSDS...