

Section 1: Identification of the Substance/Mixture and of the Supplier

Product Name:	Mineral Turpentine
Proper Shipping Name	Turpentine Substitute
Recommended use:	Industrial chemical
Company Details	Marketing Chemicals Ltd
Address:	2 Rymer Place, Mangere Bridge Auckland. New Zealand
Telephone:	+64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
Fax:	+64 9 634 3864
Emergency Telephone:	+64 274 736008(24 hours) National Poison Centre(24 hours): 0800 POISON [764 766]
Date of preparation	2 November 2014

Section 2: Hazard Identification



DANGER:

- Flammable liquid and vapour.
- May be harmful if swallowed and enters airways.
- Causes mild skin irritation.
- Suspected of damaging fertility or the unborn child
- May cause damage to organs through prolonged or repeated exposure
- Toxic to aquatic life.

Group Standard: Solvents (Flammable) Group Standard 2006

HSNO Approval Number: Group Standard HSR002650

HSNO Classes: 3.1C, 6.1E(aspiration), 6.3B, 6.8B, 6.9B, 9.1B

Prevention Statements:

- Keep out of reach of children.
- Read label before use.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge
- Wear protective gloves and eye/face protection.

- Use personal protective equipment as required.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Do not breathe fume/gas/vapours/spray.
- Avoid release to the environment.

Response Statements

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- In case of fire: Use Dry Chemicals, Carbon Dioxide or Foam for extinction.
- If medical advice is needed, have product container or label at hand.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Rinse mouth.
- If skin irritation occurs: Get medical advice/ attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- Get medical advice/attention if you feel unwell.
- IF exposed or concerned: Get medical advice/ attention.

Storage Statements

- Store in a well-ventilated place. Keep cool.
- Store locked up.

Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Aliphatic hydrocarbon, low aromatic	60 – 65	64742-82-1
Aromatic hydrocarbon*	35 – 40	64742-95-6
* That may contain		
1,2,4-Trimethylbenzene	<20	95-63-6
Mesitylene	<7	108-67-8
Propylbenzene and Isopropylbenzene (Cumene),	<3	
Xylene, mixed isomers	<1	1330-20-7

Section 4: First Aid Measures

Eyes:	Hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Get medical attention if irritation persists.
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if irritation persists.
Ingestion:	If swallowed, do not induce vomiting. Keep at rest. Seek immediate medical attention. Begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Inhalation:	Move the victim to fresh air immediately. Keep warm and at rest. Seek medical attention if rapid recovery does not occur. Begin artificial respiration if breathing has stopped.

NOTES TO PHYSICIAN: Treat according to symptoms. Gastric lavage may be indicated if ingested but protect airway as risk of aspiration into lungs with potential to cause chemical pneumonitis. Do not wait for symptoms to develop. General measures should be taken to control acidosis and maintain urine output.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

Section 5: Fire Fighting Measures

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Flash Point:	41°C
Auto ignition Temperature:	>200°C
Flammable Limits in Air % by Volume:	Not available
Extinguishing Media:	Foam or water fog. Dry chemical, carbon dioxide, sand and earth are suitable for extinguishing small fires.
Fire Fighting Instructions:	Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.
Unusual Fire and Explosion Hazards:	Vapour accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, ect. away from those fumes.
Hazchem Code	3Y

Section 6: Accidental Release Measures

SMALL SPILL: Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways.

LARGE SPILL: Contain material as described above and call the local fire or police department for immediate emergency assistance.

Section 7: Handling And Storage

Handling	Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapours can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.
Storage:	Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks, and flame. Store locked up.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:	General (mechanical) room ventilation is considered satisfactory in enclosed spaces. Where explosive mixtures may be present, electrical systems safe for such locations must be used.
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Eye / Face Protection:	Wear safety glasses with side shields or goggles when handling this material.
Body Protection:	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
Respiratory Protection:	Use NIOSH/MSHA approved respirators. Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.
Exposure Limits:	White spirits (Stoddard solvent): WES-TWA=100ppm(525mg/m ³) Cumin: WES-TWA=25ppm; WES-STEI=75ppm

Section 9: Physical And Chemical Properties

Appearance	Clear Colourless Liquid
Odour	Solvent odour
Boiling Range	154 – 192°C
Specific Gravity	0.81 – 0.82
Vapour Pressure	Not available
Vapour Density	Not available
Solubility in water	Insoluble
% Volatiles	100
Evaporation Rate	Not available
Flash Point	41 ^o C

Section 10: Stability And Reactivity

Stability of the Substance:	Stable at room temperature and pressure
Conditions to avoid:	Exposure to excessive heat, open flames and sparks. Avoid conditions that favour the formation of excessive mists and/or fumes.
Materials to avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	
Conditions Contributing to Hazardous Polymerization	Will not occur

Section 11: Toxicological Information

Eyes:	This product is irritating to eyes, but will not permanently damage the eye tissue.
Skin:	This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking. Prolonged or repeated exposure may lead to dermatitis.

Ingestion:	Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting any amount of this product will result in headaches, nausea, dizziness, and tracheal burning.
Inhalation:	This product may be irritating if inhaled resulting in coughing, wheezing, choking, or breathing difficulties. Exposure to large concentrations over an extended period will result in central nervous system (CNS) depression with symptoms of headache, nausea, and lack of co-ordination.
Chronic Effect	This product may contain >0.1 to 1% of xylene (mixed isomers) as an impurity. The EPA has identified this substance with a hazardous classification of suspected of damaging fertility or the unborn child.

Section 12: Ecological Information

Aquatic toxicity:	Product contains components identified as being toxic in the aquatic environment with long-lasting effects.
Persistence/degradability:	Expected to be biodegradable and to not be bio accumulative. Oxidized rapidly by photochemical reactions in air.

Section 13: Disposal Considerations

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be burned directly in appropriate equipment.

Section 14: Transport Information



UN No:	1300
Proper Shipping Name:	TURPENTINE SUBSTITUTE
Dangerous Goods Class:	3
Subsidiary risk	9
Packing Group:	III
Hazchem Code:	3Y

Section 15: Regulatory Information

HSNO Approval No: HSR002528
Group Standard: Cleaning Products(Flammable)
HSNO Classes: 3.1C, 6.1E(aspiration), 6.3B, 6.8B, 6.9B, 9.1B

Section 16: Other Information

New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]
New Zealand Emergency Services: 111

For General Information: John Crombie, Manager, Marketing Chemicals Ltd,
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Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.