



TOTAL Chemicals Pty Ltd

"A Total Difference"

Material Safety Data Sheet

This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with National Standards and Guidelines from the Australian Safety and Compensation Council (ASCC, formerly National Occupational Health and Safety Commission - NOHSC).

Classified as **Hazardous** according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

Gum Turpentine is classified as **Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Gum Turpentine	Telephone:	+61 07 3821 0333
Other Names:	Wood turpentine	Facsimile:	+61 07 3821 2210
Supplier:	TOTAL CHEMICALS PTY LTD	Internet	www.totalchemicals.com.au
	ABN 26 038 108 730	e-mail:	info@totalchemicals.com.au
	15 Production Street		
	Wacol Qld 4077		

Major Uses and Methods of Application: Solvent for waxes, lacquers and paints, medicine and perfumery. Used in the manufacture of shoe stove and furniture polishes

2. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS No.	PROPORTION
Gum Turpentine	8006-64-2	>60% w/w

3. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Classified as **Hazardous** according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

Gum Turpentine is classified as **Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Risk Phrases:	Flammable Harmful by inhalation, in contact with skin and if swallowed Irritating to eyes and skin May cause sensitisation by skin contact Harmful may cause lung damage if swallowed Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
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Poisons Schedule:	S5
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4. FIRST AID MEASURES

If poisoning occurs contact a doctor or Poisons Information Centre.
Poisons Information Centre: 13 11 26 (available in Australia only).

Swallowed:	Rinse mouth with water. If swallowed DO NOT INDUCE vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration
Eye:	If in eyes, immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention
Skin:	If skin contact occurs, flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention Decontaminate clothing before re-use or discard



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4. FIRST AID MEASURES

If poisoning occurs contact a doctor or Poisons Information Centre.
Poisons Information Centre: 13 11 26 (available in Australia only).

Inhalation: Remove source of contamination or move person to fresh air. Remove contaminated clothing and keep patient warm and comfortable. Give artificial respiration if breathing has stopped. Seek medical attention

Advice to doctor: Causes central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Use dry chemical or foam to extinguish.
Combustion may cause dense smoke. Carbon monoxide evolved if combustion is incomplete.
Flammable material, keep containers cool with water spray.
Shut off fuel to fire.
Use dry chemical, foam or carbon dioxide
Water may be ineffective, but should be used to keep fire-exposed containers cool.
If a leak or spill has ignited, use water spray to disperse water vapour and to protect men attempting to stop leak.
Avoid spraying water directly into storage containers due to danger of boil over.
Minimise breathing gases, vapour fumes or decomposition products.
Use supplied air breathing equipment for enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources.
Contain spills for salvage or disposal.
Minimise dilution water to control spill volume.
Liquid spills should be absorbed prior to disposal. ("Silicate" type absorbent materials are suggested).
Avoid run off into sewers and ditches.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Practice personal cleanliness by prompt removal of solvent in contact with the skin
Train all employees in special handling procedure prior to working with this product.
DO NOT eat food ext to this product.
Keep containers closed with not in use.
Do not store near heat, sparks, flame or strong oxidants.
Transfer product in effectively bonded system to prevent fire or explosion risk from static accumulation and discharge.
Adequate ventilation required.
Wash skin thoroughly with soap and water after contact.

Other precautions:
Store in original containers in a cool, shaded location, safe from physical damage, with containers tightly closed.
DO NOT reuse containers.
DO NOT pressurize, cut, weld, braze, solder, drill or grind container or contents.
DO NOT expose to heat, flame, sparks, electricity, static electricity or any other sources of ignition as they may cause container/s to explode and may cause injury or death.
Empty containers can retain product residue (liquid and/or vapour) and can be dangerous.
Empty containers should be completely drained, properly bunged and promptly returned to a drum re-conditioner.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Value assigned by Worksafe Australia Exposure Standard [N0HSC:1003(1995)]: for

Turpentine, gum TWA - 100ppm (557 mg/ m³), Sen

TWA – Time-weighted average airborne concentration over an eight hour working day, for a five day working week over an entire working life.

Sen: Some substances can cause a specific immune response in some people. Such substances are called sensitisers and the development of a specific immune response is termed 'sensitisation'. Exposure to a sensitiser, once sensitisation has occurred, may manifest itself as a skin rash or inflammation or as an asthmatic condition, and in some individuals this reaction can be extremely severe.

Personal Protection:

Eye protection:	Safety glasses, goggles or faceshield as required
Hand Protection:	PVC, neoprene or nitrile rubber gloves
Footware:	Rubber boots
Respiratory Protection:	If airborne concentrations are likely to exceed the Exposure Standard, wear approved organic vapour respiratory protection (AS/NZS 1715 and 1716). In high vapour concentrations, wear an air-supplied hood

Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate

Engineering Controls:	General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless liquid with a penetrating odour
Boiling Range:	155 - 170 °C
Vapour Pressure:	Not applicable
Specific Gravity:	0.86 @20°C
Flash Point:	32°C closed cup
Explosive Limits:	Not available
Vapour Density:	Not available
Solubility in water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage.
Conditions to Avoid:	Strong oxidizers, strong alkalies, strong acids and selected amines.
Incompatibility – Materials to avoid for purposes of transport, handling and storage only:	Strong oxidizing agents (eg. liquid chlorine, concentrated oxygen, sodium hypochlorite).
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Toxicological Data	No toxicological data available for this product.
No adverse health effects expected if the product is handled in accordance with this MSDS and product label.	
Symptoms or effects that may arise if the product is misused and overexposure occurs are:	
Swallowed:	Harmful. Irritant to mouth, throat and digestive tract. Large dose may cause drowsiness and lead to unconsciousness. If aspirated into lungs can cause serious lung inflammation and may be fatal
Eye:	Moderate irritant
Skin:	Irritant. May cause dermatitis, liquid & vapour may be absorbed through the skin with subsequent toxic effects
Inhalation:	High concentrations may cause depression, dizziness, nausea, and headache. Irritation of mucous membranes and respiratory tract are possible. Aspiration (e.g. during vomiting) into the lungs can cause serious (even fatal) pneumonitis

12. ECOLOGICAL INFORMATION

Environmental Mobility:	No data available
Environmental Degradability:	No data available
Ecotoxicity & Bioaccumulation:	No data available
Avoid discharge to sewers, storm drains, surface waters and soil	

13. DISPOSAL CONSIDERATIONS

Do not dispose into public waste or sewage system
 Recover or recycle waste product, if possible, otherwise incinerate
 Absorbed spills or any other contaminated materials (ie. Rags, paper etc), are considered hazardous wastes in preparing for disposal.
 Consult Federal, State or Local regulations controlling proper disposal of hydrocarbon containing materials.
 Empty containers must also be disposed of in an environmentally safe manner.

14. TRANSPORT INFORMATION

U.N. Number :	1299	Hazchem Code:	3[Y]
D. G Class:	3.2	Packaging Group:	III

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Risk Phrase:	R10 Flammable R20/21/22 Harmful by inhalation, in contact with skin and if swallowed R36/38 Irritating to eyes and skin R43 May cause sensitisation by skin contact R65 Harmful may cause lung damage if swallowed R 51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
Safety Phrase:	S2 Keep out of the reach of children S36/37 Wear suitable protective clothing and gloves S61 Avoid release to the environment S62 If swallowed, do not induce vomiting, seek medical advice immediately and show the container
Poisons Schedule:	S5
Hazard Category:	Xn Harmful, F Flammable, N Dangerous for the environment.



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16. OTHER INFORMATION

For further information on this product, please contact:

Contact:	Technical Manager
Telephone:	+61 07 3821 0333

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END OF MSDS