



# 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.

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

Major Uses and Methods of Application: Solvent and fuel

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS No.	PROPORTION
Kerosene	8008-20-6	> 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] 3<sup>rd</sup> Edition.

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

Risk Phrases: Flammable  
Harmful: May cause lung damage if swallowed  
Poisons Schedule: S5

### 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. Give a glass of water. Seek medical attention  
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  
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: Treat symptomatically



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## 5. FIRE FIGHTING MEASURES

*Clear fire area of all non-emergency personnel.*

**Specific Hazards:** Flammable liquid. Combustion products include oxides of carbon. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively and flashback along the vapour trail may occur. Fire fighters should wear Self Contained Breathing Apparatus ( SCBA).

**Suitable Extinguishing Media:** Use foam, CO2 or powder to extinguish fire. dry chemical (Carbon dioxide or dry chemical powder)

## 6. ACCIDENTAL RELEASE MEASURES

**Spills:** Extinguish and do not turn on any ignition source - no smoking. Take precautionary measures against static discharges. Wear suitable protective equipment. Ensure area is well ventilated. Place used absorbent in suitable sealed containers and follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water do not allow product to enter drains, sewers or water courses- inform the local authorities if this occurs

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and breathing in vapour

**Storage:** Classified as a Dangerous Good (Class 3) for transport purposes. store in a well ventilated place away from ignition sources, oxidizing agents foodstuffs and clothing. Keep containers closed when not in use. Take precautions against static electricity discharges.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

No value assigned by Worksafe Australia Exposure Standard [N0HSC]

**Personal Protection:**

**Eye protection:** Safety glasses, goggles or face shield as required

**Hand Protection:** PVC, neoprene or nitrile rubber gloves

**Footwear:** 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:	Clear Blue - water white liquid
Specific Gravity:	0.79 @ 15°C
Boiling Range:	145 - 300°C
Vapour Pressure:	<7 mm Hg @ 25°C
Relative Vapour Density:	Not applicable
Flash Point:	40 °C
Explosive Limits:	LEL: 0.7%, UEL 6.0%
Solubility in water:	insoluble
Volatiles by Volume:	100%

## 10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage. Incompatible with strong oxidising agents, bromine, and strong alkalis and mineral acids.

## 11. TOXICOLOGICAL INFORMATION

Toxicological Information:	Oral LD50 (rat) >5000mg/kg
Swallowed:	Harmful may cause lung damage if swallowed. Ingestion may irritate the gastrointestinal tract causing nausea and vomiting. Vomiting may result in liquid aspiration into lungs, causing chemical pneumonia and lung damage
Eye:	May cause eye irritation, tearing, stinging, blurred vision and redness
Skin:	Irritating due to defatting action on skin. Causes redness, pain, drying and cracking of the skin. Prolonged or repeated skin contact may produce severe irritation or dermatitis
Inhalation:	Inhalation may cause irritation to the respiratory system. Prolonged exposure to vapours may cause drowsiness and narcosis.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways

## 13. DISPOSAL CONSIDERATIONS

Dispose absorbed and unrecoverable material to an approved site. Consult local authority.

## 14. TRANSPORT INFORMATION

U.N. Number:	1223	Hazchem Code:	3[Y]
D. G Class:	3	Packaging Group:	III



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## 15. REGULATORY INFORMATION

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

Risk Phrase:	R65 Harmful: May cause lung damage if swallowed.
Safety Phrase:	S2 Keep out of the reach of children S23 Do not breathe vapour S24 Avoid contact with skin S62 If swallowed, do not induce vomiting, seek medical advice immediately and show the container
Poisons Schedule:	S5
Hazard Category:	Xn HARMFUL

## 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