



Infosafe No™	1CHOO	Issue Date : July 2017	RE-ISSUED by CHEMSUPP
--------------	-------	------------------------	-----------------------

Product Name : **KEROSENE**

Classified as hazardous

**1. Identification**

<b>GHS Product Identifier</b>	KEROSENE	
<b>Company Name</b>	CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)	
<b>Address</b>	38 - 50 Bedford Street GILLMAN SA 5013 Australia	
<b>Telephone/Fax Number</b>	Tel: (08) 8440-2000 Fax: (08) 8440-2001	
<b>Recommended use of the chemical and restrictions on use</b>	Rocket and jet engine fuel, domestic heating, solvent, diesel and tractor fuels. Also used in kerosene lamps, flares, and stoves; as degreaser and cleaner; Deobase formerly used as a solvent in cosmetics and in insecticidal sprays.	
<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>
	KEROSENE TG	KT002
	Kerosine	
	Kerosine (petroleum)	
<b>Other Information</b>	EMERGENCY CONTACT NUMBER: +61 08 8440 2000 Business hours: 8:30am to 5:00pm, Monday to Friday.	

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

**2. Hazard Identification**

<b>GHS classification of the substance/mixture</b>	Aspiration Hazard: Category 1 Carcinogenicity: Category 2 Flammable Liquids: Category 3 Skin Corrosion/Irritation: Category 2 Hazardous to the Aquatic Environment - Acute Hazard: Category 2 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2
<b>Signal Word (s)</b>	DANGER
<b>Hazard Statement (s)</b>	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H351 Suspected of causing cancer. H411 Toxic to aquatic life with long lasting effects.
<b>Pictogram (s)</b>	Flame, Health hazard, Exclamation mark, Environment

**Precautionary statement – Prevention**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P264 Wash thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.



Infosafe No™	1CHOO	Issue Date : July 2017	RE-ISSUED by CHEMSUPP
--------------	-------	------------------------	-----------------------

Product Name : **KEROSENE**

Classified as hazardous

<b>Precautionary statement – Response</b>	P281 Use personal protective equipment as required. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P308+P313 IF exposed or concerned: Get medical advice/attention. P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P370+P378 In case of fire: Use foam/waterspray/fog for extinction. P381 Eliminate all ignition sources if safe to do so.
<b>Precautionary statement – Storage</b>	P403+P235 Store in a well-ventilated place. Keep cool.
<b>Precautionary statement – Disposal</b>	P405 Store locked up.
<b>Other Information</b>	P501 Dispose of contents/container to an approved waste disposal plant.  A highly hazardous condition can occur if a patient vomits the swallowed product and foam is aspirated into the lungs. This may cause mild to severe pulmonary injury and possibly death.

**3. Composition/information on ingredients**

<b>Composition, information on ingredients</b>	Contains components: 1,2,4-trimethylbenzene (95-63-6) <=10% 1,2,5-trimethylbenzene (108-67-8) <=10% Naphthalene (91-20-3) <=10% Xylene, mixed isomers (1330-20-7) <=10% Benzene (71-43-2) <0.1%
<b>Chemical Characterization</b>	Liquid

**Chemical Characterization**

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Low Aromatic White Spirit	64742-82-1	100 %		

**4. First-aid measures**

<b>Inhalation</b>	If inhaled, remove from contaminated area to fresh air immediately, avoid becoming a casualty. Make patient comfortable, keep warm and at rest until fully recovered. If breathing is difficult (or develops a bluish skin discolouration), supply oxygen by a qualified person. Apply artificial respiration with a respiratory medical device if not breathing. Do not use mouth to mouth resuscitation. Immediately medical attention is required.
<b>Ingestion</b>	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek immediate medical advice.
<b>Skin</b>	If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Wash with plenty of soap and water. Seek medical advice if effects persist. Remove contaminated clothing and wash before re-use.
<b>Eye contact</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.
<b>First Aid Facilities</b>	Maintain eyewash fountain and drench facilities in work area.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of the patient.
<b>Other Information</b>	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

**5. Fire-fighting measures**

<b>Hazards from Combustion Products</b>	Produces oxides of carbon and nitrogen.
<b>Specific Methods</b>	Small fire: Use dry chemical, CO2 or water spray. Large fire: Use water spray, fog or foam - Do NOT use water jets. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out. Avoid getting water inside the containers.
<b>Specific hazards arising from the chemical</b>	Flammable liquid. May be ignited by heat, sparks or flames. Vapour will form explosive mixtures with air. Vapour will travel to source of ignition and flash back. Vapour is heavier than air and will spread along the ground and collect in low or confined areas (drains, basements, tanks). The liquid is lighter than



Infosafe No™	1CHOO	Issue Date : July 2017	RE-ISSUED by CHEMSUPP
--------------	-------	------------------------	-----------------------

Product Name : **KEROSENE**

Classified as hazardous

<b>Hazchem Code</b>	water. Containers may explode when heated. Fire may produce irritating, poisonous or corrosive gases. Vapours from run-off may create an explosion hazard. 3Y
<b>Precautions in connection with Fire</b>	SCBA and structural firefighter's uniform may provide limited protection.

**6. Accidental release measures**

<b>Spills &amp; Disposal</b>	Eliminate all ignition sources (no smoking, flares, sparks or flame) within at least 25m. All equipment in handling this product must be earthed. Do NOT touch or walk through this product. Stop leak if safe to do so. Prevent entry into waterways, drains, confined areas. Vapour suppressing foam may be used to control vapours. Water spray may be used to knock down or divert vapours. Absorb spill with earth, sand or other non-combustible material. Use clean, non-sparking tools to collect material and place it in loosely-covered metal or plastic containers for later disposal. SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.
<b>Personal Precautions</b>	Remove all possible sources of ignition in the surrounding area. Ventilate contaminated area thoroughly. Avoid contact with skin, eyes, nose, mouth. Evacuate the area of all non-essential personnel.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Environmental Precautions</b>	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

**7. Handling and storage**

<b>Precautions for Safe Handling</b>	Avoid ingestion and inhalation of material. Do not breathe vapour. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Use in well ventilated areas away from all ignition sources. Keep container tightly closed when not in use. Avoid using metal tools. Wash hands and face thoroughly after working with material. Earth or bond all equipment. All electrical equipment must be flameproofed.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in well ventilated area. Store away from oxidizing agents. Keep containers securely sealed and protected against physical damage. Store away from foodstuffs. Keep away from direct sunlight and other sources of heat or ignition.
<b>Storage Regulations</b>	Refer Australian Standard AS 1940 - 1993 'The storage and handling of flammable and combustible liquids'.

**8. Exposure controls/personal protection**

<b>Other Exposure Information</b>	A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a blanket limit of 10mg/m <sup>3</sup> for dusts or mists when limits have not otherwise been established.
<b>Appropriate engineering controls</b>	Maintain eyewash and safety shower facilities. In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
<b>Respiratory Protection</b>	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.
<b>Eye Protection</b>	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate.
<b>Hand Protection</b>	Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336. Recommended: Vinyl, Nitrile. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
<b>Personal Protective Equipment</b>	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
<b>Footwear</b>	Safety boots, preferably rubber boots, in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
<b>Body Protection</b>	Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
<b>Hygiene Measures</b>	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.



Infosafe No™	1CHOO	Issue Date : July 2017	RE-ISSUED by CHEMSUPP
--------------	-------	------------------------	-----------------------

Product Name : **KEROSENE**

Classified as hazardous

**9. Physical and chemical properties**

<b>Form</b>	Liquid
<b>Appearance</b>	Colourless clear liquid.
<b>Odour</b>	Strong odour, aromatic.
<b>Boiling Point</b>	Typically 145 - 300°C
<b>Solubility in Water</b>	Insoluble.
<b>Solubility in Organic Solvents</b>	Miscible with other petroleum solvents.
<b>Specific Gravity</b>	0.79 g/cm <sup>3</sup>
<b>Vapour Pressure</b>	Typically 0.3 kPa @ 20°C.
<b>Flash Point</b>	38°C
<b>Flammability</b>	Flammable.
<b>Auto-Ignition Temperature</b>	228 °C
<b>Flammable Limits - Lower</b>	1.0%
<b>Flammable Limits - Upper</b>	6.0%

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable under normal use conditions.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidizing agents, strong bases, strong acids and amines.
<b>Hazardous Decomposition Products</b>	Produces carbon monoxide and carbon dioxide.
<b>Possibility of hazardous reactions</b>	Reacts with strong oxidising agents, strong acids and bases and amines cause fire and explosion hazard.
<b>Hazardous Polymerization</b>	Will not occur.

**11. Toxicological Information**

<b>Acute Toxicity - Oral</b>	LD50 Oral (rat) > 2000mg/kg.
<b>Ingestion</b>	Harmful: may cause lung damage if swallowed. May cause gastric irritation, nausea, vomiting, abdominal pain and convulsions. May lead to CNS depression. Aspiration into the lungs may result in hypoxia, emphysema, chemical pneumonitis (inflammation of the lungs caused by allergic reaction).
<b>Inhalation</b>	Inhalation may be harmful. Inhalation may cause irritation of the throat, nose and respiratory system causing headaches, rapid breathing, drowsiness, fatigue, incoordination, confusion, disorientation, possible nausea and coma.
<b>Skin</b>	Defatting action on skin can lead to irritation and infection. Symptoms include of drying, redness, swelling and scaling.
<b>Eye</b>	Causes eye irritation. Symptoms include of swelling, redness, blurred vision and tearing.
<b>Carcinogenicity</b>	Naphthalene - Classified by the International Agency for Research on Cancer (IRAC) as a Group 2B. Group 2B - The agent is probably carcinogenic to humans.
<b>Reproductive Toxicity</b>	Not expected to impair fertility.
<b>STOT-single exposure</b>	Inhalation of vapours or mists may cause irritation to the respiratory system.
<b>STOT-repeated exposure</b>	Central nervous system: repeated exposure affects the nervous system. effects seem at high doses only.
<b>Aspiration Hazard</b>	Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
<b>Chronic Effects</b>	SKIN: Repeated or prolonged skin contact may cause chronic dermatitis (dry, itchy, cracked, red skin) due to defatting.



Infosafe No™	1CHOO	Issue Date : July 2017	RE-ISSUED by CHEMSUPP
--------------	-------	------------------------	-----------------------

Product Name : **KEROSENE**

Classified as hazardous

<b>Serious eye damage/irritation</b>	INHALATION: Repeated or prolonged inhalation may cause respiratory tract irritation, kidney damage, blood affects, brain damage, affect behavior, CNS, cardiovascular symptoms similar to acute inhalation. INGESTION: Repeated or prolonged inhalation may affect pigmentation of the blood, liver, endocrine system, weight loss. Mild irritant.
<b>Mutagenicity</b>	No evidence of mutagenic properties.

**12. Ecological information****Persistence and degradability** readily biodegradable. Oxidises by photo-chemical reactions with air.**Mobility** Floats on water.**Bioaccumulative Potential** Has the potential to bioaccumulate.**Environmental Protection** Do not allow product to enter drains, waterways or sewers.**Acute Toxicity - Fish** Expected to be harmful: 10 <LC/EC/IC50<= 100mg/l**Acute Toxicity - Algae** Expected to be harmful: 1 <LC/EC/IC50<= 10mg/l**Acute Toxicity - Other Organisms** Aquatic invertebrate - Expected to be harmful: 10 <LC/EC/IC50<= 100mg/l  
Microorganisms - Expected to be harmful: 10 <LC/EC/IC50<= 100mg/l**13. Disposal considerations****Disposal Considerations** Dispose of according to relevant local, state and federal government regulations.**14. Transport information****Transport Information** Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following:  
Class 1, Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane, Class 7.**U.N. Number** 1223**UN proper shipping name** KEROSENE**Transport hazard class(es)** 3**Hazchem Code** 3Y**Packing Group** III**EPG Number** 3A1**IERG Number** 15**15. Regulatory information****Regulatory Information** Listed in the Australian Inventory of Chemical Substances (AICS).**Poisons Schedule** S5**16. Other Information****Literature References** 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.  
Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.  
Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.  
Safe Work Australia, 'Hazardous Substances Information System, 2005'.



chem-supply

# Safety Data Sheet

infosafe  
CS: 1.7.2

Page: 6 of 6

Infosafe No™	1CHOO	Issue Date : July 2017	RE-ISSUED by CHEMSUPP
--------------	-------	------------------------	-----------------------

Product Name : **KEROSENE**

Classified as hazardous

**Contact  
Person/Point**

Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.  
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.  
Paul McCarthy Ph. (08) 8440 2000

DISCLAIMER STATEMENT:

All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Chem-Supply accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.

...End Of MSDS...

© Copyright ACOHS Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.  
The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.