



Infosafe No™	3CHN9	Issue Date : August 2020	RE-ISSUED by CHEMSUPP
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Product Name : **PETROLEUM SPIRIT 80-110°C AR**

Classified as hazardous

**1. Identification**

**GHS Product Identifier** PETROLEUM SPIRIT 80-110°C AR

**Product Code** PA110

**Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)

**Address** 38 - 50 Bedford Street GILLMAN  
SA 5013 Australia

**Telephone/Fax Number** Tel: (08) 8440-2000

**Emergency phone number** CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

**Recommended use of the chemical and restrictions on use** Solvent.

**Other Names**

<u>Name</u>	<u>Product Code</u>
Petroleum ether, Petroleum naphtha, Petroleum distillate	

**Other Information**

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**

**GHS classification of the substance/mixture** Flammable Liquids: Category 2  
Skin Corrosion/Irritation: Category 2  
Specific Target Organ Toxicity Single Exposure Category 3 (respiratory tract irritation)  
Aspiration Hazard: Category 1  
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2

**Signal Word (s)** DANGER

**Hazard Statement (s)** H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects.

**Pictogram (s)** 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.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.



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<b>Precautionary statement – Response</b>	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P370+P378 In case of fire: Use foam, dry chemical, CO2 or water spray for extinction. P308+P313 IF exposed or concerned: Get medical advice/attention. P391 Collect spillage.
<b>Precautionary statement – Storage</b>	P403+P235 Store in a well-ventilated place. Keep cool. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
<b>Precautionary statement – Disposal</b>	P501 Dispose of contents/container to an approved waste disposal plant.

**3. Composition/information on ingredients**

<b>Chemical Characterization</b>	Liquid				
<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-Hexane		100 %		
<b>Other Information</b>	Mixture of liquid hydrocarbons.				

**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>	Immediately remove contaminated clothing and wash affected area with water for at least 15 minutes. Ensure contaminated clothing is washed before re-use. Seek medical advice /attention depending on the severity.
<b>Eye contact</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. In all cases of eye contamination it is a sensible precaution to seek medical advice.
<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. Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.
<b>Other Information</b>	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor. Ensure medical personnel attending are aware of the identity and nature of the product(s) involved and take precautions to protect themselves.

**5. Fire-fighting measures**

<b>Hazards from Combustion Products</b>	Oxides of carbon.
<b>Specific Methods</b>	CAUTION: Use of water spray when fighting fire may be inefficient. SMALL FIRE: Use foam, dry chemical, CO2 or water spray. LARGE FIRE: Use foam, fog or water spray - 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.



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<b>Specific hazards arising from the chemical</b>	HIGHLY FLAMMABLE: These products have a low flash point. Will be easily ignited by heat, sparks or flames. Vapours will form explosive mixtures with air. Vapours will travel to source of ignition and flash back. Most vapours are heavier than air and will collect in low or confined areas (drains, basements, tanks). Many liquids are lighter than water. Containers may explode when heated. Fire will produce irritating, poisonous and/or corrosive gases. Vapours from run-off may create an explosion hazard.
<b>Hazchem Code</b>	3YE
<b>Precautions in connection with Fire</b>	SCBA and structural firefighter's uniform may provide limited protection. Fully encapsulating, gas-tight suits should be worn for maximum protection.

**6. Accidental release measures**

<b>Spills &amp; Disposal</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flame) within at least 50m. 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. Water spray may be used to knock down or divert vapour clouds. SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.
<b>Personal Precautions</b>	Evacuate the area of all non-essential personnel. Avoid inhalation, contact with skin, eyes and clothing.
<b>Personal Protection</b>	Remove ignition sources. Ventilate contaminated area thoroughly. Extinguish naked flames. Use personal protective equipment listed in Section 8.
<b>Clean-up Methods - Small Spillages</b>	Absorb or contain liquid with sand, earth or spill control material. Shovel up using non sparking tools and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum.
<b>Environmental Precautions</b>	Prevent further leakage or spillage and prevent from entering drains

**7. Handling and storage**

<b>Precautions for Safe Handling</b>	Earth or bond all equipment. Avoid prolonged or repeated contact with skin, eyes and clothing. Do not breath fumes which may accumulate in the vapour head-space of containers. Ensure the appropriate personal protective equipment is used when handling this material. Use in well ventilated areas away from all ignition sources. In case of insufficient ventilation, wear suitable respiratory equipment. All electrical equipment must be flameproofed. Keep container tightly closed when not in use.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Store in well ventilated area. Keep containers closed at all times.
<b>Storage Regulations</b>	Refer Australian Standard AS 1940-2017 'The storage and handling of flammable and combustible liquids'.

**8. Exposure controls/personal protection**

<b>Other Exposure Information</b>	These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
<b>Appropriate engineering controls</b>	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>	An approved respirator must be worn if the occupational exposure limit is likely to be exceeded. If significant mists, vapours or aerosols are generated an approved respirator is recommended, selected and used in accordance with AS/NZS 1715 and AS/NZS 1716. 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. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
<b>Hand Protection</b>	PVC, neoprene or nitrile rubber gloves. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.



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<b>Personal Protective Equipment</b>	Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
<b>Footwear</b>	Safety 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>	Flame retardant protective clothing. 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.

**9. Physical and chemical properties**

<b>Form</b>	Liquid
<b>Appearance</b>	Colourless liquid.
<b>Odour</b>	Characteristic.
<b>Boiling Point</b>	80 - 110°C
<b>Solubility in Water</b>	Insoluble.
<b>Volatile Component</b>	100%
<b>Density</b>	0.700 g/cm <sup>3</sup> at 15°C
<b>Flash Point</b>	-15°C
<b>Flammability</b>	Highly flammable. Keep away from heat, sparks or naked flames. Use flameproof equipment and fittings to prevent flammability risk. Electrically link and ground metal containers for transfer of the product to prevent accumulation of static electricity. Ensure adequate ventilation to prevent an explosive vapour-air mixture. Vapours will travel considerable distances to sources of ignition.
<b>Auto-ignition Temperature</b>	245°C
<b>Flammable Limits - Lower</b>	1.0 Vol%
<b>Flammable Limits - Upper</b>	6.5 Vol%

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable.
<b>Incompatible Materials</b>	Strong oxidising agents. Heat. Various plastics and rubber.
<b>Hazardous Decomposition Products</b>	Oxides of carbon.
<b>Hazardous Polymerization</b>	Will not occur.

**11. Toxicological Information**

<b>Ingestion</b>	Causes irritation to mucous membranes of the gastrointestinal tract. May cause headache, dizziness, nausea, drowsiness, irritation of the mouth, throat and diestive tract and lung damage. Aspiration of liquid into the lungs can cause bronchopneumonia, pulmonary edema, or chemical pneumonitis.
<b>Inhalation</b>	Causes irritation to the mucous membranes of the respiratory tract (nose, mouth, throat, lungs). Inhalation of vapours may cause dizziness, drowsiness, headache, nausea, weakness, CNS effects and unconsciousness. Aspiration of liquid into the lungs can cause bronchopneumonia or pulmonary edema.
<b>Skin</b>	May cause skin irritation, degreasing effect on the skin and possibly followed by secondary inflammation. May be absorbed through the skin with resultant toxic effects such as headache, dizziness and nausea.
<b>Eye</b>	Causes serious eye irritation.
<b>Respiratory sensitisation</b>	Not classified based on available information.
<b>Skin Sensitisation</b>	Not classified based on available information.



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<b>Germ cell mutagenicity</b>	Not classified based on available information.
<b>Carcinogenicity</b>	Not classified based on available information.
<b>Reproductive Toxicity</b>	Not classified based on available information.
<b>STOT-single exposure</b>	Specific Target Organ Toxicity - Single Exposure Category 3 (respiratory tract irritation) H336 May cause drowsiness or dizziness.
<b>STOT-repeated exposure</b>	Not classified based on available information.
<b>Aspiration Hazard</b>	Aspiration Hazard: Category 1 H304 May be fatal if swallowed and enters airways.
<b>Chronic Effects</b>	Blood changes of significant nature have been reported when the aromatic content of hydrocarbon products has been high. Repeated or prolonged skin contact may cause chronic dermatitis.
<b>Mutagenicity</b>	Not classified based on available information.
<b>Other Information</b>	Toxicological Information Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Oral LD50 >5,840 mg/kg (rat) (OECD 401) Dermal LD50 >2,920 mg/kg (rat) (OECD 402) Inhalative LC50 /4 h >25.2 mg/L (rat) (OECD 403)

**12. Ecological information**

<b>Ecotoxicity</b>	Toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.
<b>Known Harmful Effects on the Environment</b>	Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2 H411 Toxic to aquatic life with long lasting effects.
<b>Environmental Protection</b>	Do not allow product to enter drains, waterways or sewers. Highly toxic to aquatic organisms. May cause long-term adverse effects in the aquatic organisms.

**13. Disposal considerations**

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and disposed of according to relevant local, state and federal government regulations.
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**14. Transport information**

<b>Transport Information</b>	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.
<b>U.N. Number</b>	3295
<b>UN proper shipping name</b>	HYDROCARBONS, LIQUID, N.O.S.
<b>Transport hazard class(es)</b>	3
<b>Hazchem Code</b>	3YE
<b>Packing Group</b>	II
<b>EPG Number</b>	3A1
<b>IERG Number</b>	14
<b>IMDG Marine pollutant</b>	Yes

**15. Regulatory information**

<b>Regulatory Information</b>	Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. All of the significant ingredients in this formulation are compliant with NICNAS regulations.
<b>Poisons Schedule</b>	S5

**16. Other Information**



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# Safety Data Sheet

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<b>Literature References</b>	'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia. National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.' Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand. Safe Work Australia, 'Hazardous Chemical Information System'. Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'. Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.
<b>Contact Person/Point</b>	Paul McCarthy Ph. (08) 8440 2000 <b>DISCLAIMER STATEMENT:</b> 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.
<b>Technical Data</b>	The quantity of benzene present in this material is not expected to exceed 0.2%. ...End Of MSDS...

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