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Disclaimer:
CHESSER CHEMICALS Pty Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Product: RED THUNDER

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

SIGNAL WORD:

WARNING



Health hazards

H317

May cause an allergic skin reaction

H319

Causes serious eye irritation

 **Emergency Response No:** **CHEMWATCH** 1800 951 288

RECOMMENDED PPE



GLOVES



SAFETY GLASSES

1 IDENTIFICATION

IDENTIFICATION

Product Code:	RTR
Product Name:	RED THUNDER
Other Names:	Not applicable
Product Use:	Alkaline Pine Oil Soap Cleaner
Restrictions on use:	Use as Directed

COMPANY DETAILS

Company:	CHESSER CHEMICALS Pty Ltd
ABN Number:	67 008 262 039
Address:	124 Days Road FERRYDEN PARK SA 5010
Telephone Number:	(08) 8406 0000
Facsimile Number:	(08) 8406 0099
Emergency Telephone Number:	CHEMWATCH 1800 951 288

Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of



how the product will be handled and used in the workplace including in conjunction with other products.

2 HAZARD IDENTIFICATION

HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals.

Classification of the substance or mixture:

- Sensitisation of Skin - Category 1
- Eye damage/irritation - Category 2



SIGNALWORD: WARNING

Hazard Statements

Health hazards

- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation

Precautionary statements

General precautionary statements

- P102 Keep out of reach of Children

Prevention precautionary statements

- P264 Wash hands thoroughly after handling.
- P261 Avoid breathing fume/gas/mist/vapours/spray
- P272 Contaminated work clothing should not be allowed out of the work place
- P280 Wear protective gloves/protective clothing/eye protection/face protection

Response Precautionary statements

- P302 + P352 IF ON SKIN: wash with plenty of soap and water.
- P302+P352 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- P337+P313 IF eye irritation persists: Get medical advice/attention.

Disposal Precautionary statements

- P501 Dispose of contents/container in accordance with local regulations.

Poisons Schedule (SUSMP): S5

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Water	[7732-18-5]	>60%	
Pine Oil	[8002-09-3]	1 - 10%	H319 H335 H315 H226
Anionic Surfactant	[68891-38-3]	1 – 5%	H315 H318
Ingredients determined not to be hazardous		Balance	

4 FIRST AID MEASURES

- Ingestion:** If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.
- Eye:** If in eyes, hold eye lids apart and flush eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
- Skin:** If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
- Inhaled:** Remove from contaminated area to fresh air. If problem persists seek urgent medical attention



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First Aid Facilities Eye wash and normal wash room facilities such as safety shower
Advice to Doctor Product is a solution of surface active agents and alkali builders in aqueous solution. Treat symptomatically.
Medical Conditions Aggravated by Exposure No information available on medical conditions aggravated by exposure to this product.

5 FIRE FIGHTING MEASURES

Extinguishing Media In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions.
Hazards from Combustion Products Material does NOT burn
Special Protective Precautions and Equipment for Fire Fighters Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Contact with metals may evolve flammable hydrogen gas.
Flammability Conditions Product is a non-flammable liquid.
 Additional Information
Hazchem Code None allocated

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Clean up spills immediately. Restrict access to the area of spill until completion of cleanup. Spill area will remain slippery until completion of cleanup. For spills involving the release of a significant amount of product (for example: product released by the puncture or damage of containers resulting in a spill of more than a few litres) spilled material should be stopped from spreading by containment using a barrier of sand or other inert material. Use a mop or cloth to absorb spilled material. Flush collected product to sewer. Rinse spill area thoroughly with water. Materials used for containment may be discarded to tip or landfill. Copious amounts of foam may be generated during cleanup, especially during final rinse of spill area. Foam will collapse of its own accord. Completion of cleanup of spill area will be indicated when rinse fails to generate foam. If large quantities of this material enter storm water or waterways contact the Environmental Protection Authority.
 Personal Protective Equipment advice is contained in Section 8 of this SDS.

7 HANDLING AND STORAGE

Precautions for Safe Handling: Chemicals' packaging is generally secure and safe, and handlers do not require special safety equipment to carry a chemical container containing this product. When dispensing, ensure that the risk of splashing is minimised. When product is supplied in bulk containers (5L and 15L drums) the product may be transferred into smaller bottles. When such transfer occurs, ensure risk of splashing is minimised. 15 L drums should be tapped for dispensing product (the drums are drilled and bunged for this purpose). Lifting bulk containers should be performed in accordance with the National Standard for Manual Handling [NOHSC: 1001(1990)].
Suitable container: Store in original containers
Storage Incompatibilities: No information available
Storage Requirements: Store product away from incompatible materials and foodstuff containers. Store product in original containers in a cool, dry, well ventilated area away from direct sunlight. Keep containers securely sealed. Store out of reach of children.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards None assigned by Safe Work Australia for this product.
Engineering Controls Ensure ventilation is adequate to maintain air concentrations below exposure standards.

Personal Protection Equipment

EYES: Safety glasses with side shields (AS1336/1337)

HANDS: Wear rubber or PVC gloves (AS2161).

CLOTHING: Long-sleeved protective clothing and safety footwear (AS3765/2210).

Work Hygienic Practices No Data Available



9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance slightly opaque viscous red liquid
Formula Not applicable.
Odour Pine oil ammonia
Vapour Pressure Not applicable.
Vapour Density Not determined
Boiling Point 100°C
Melting Point Not applicable. C



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Solubility in Water	Soluble at use dilutions	
Specific Gravity	1.05 (Water = 1)	
Flash Point	N/A	
pH	> 11.0 (Neat)	
Lower Explosion Limit	Not applicable.	
Upper Explosion Limit	Not applicable.	
Ignition Temperature	Not applicable.	
Specific Heat Value	Not applicable.	
Particle Size	Not applicable.	
Volatile Organic Compounds (VOC) Content	Not applicable.	
Evaporation Rate	Not applicable.	
Viscosity	Not applicable.	
Percent Volatile	0%	
Octanol/Water partition coefficient	Not applicable.	
Saturated Vapour Concentration	Not applicable.	
Additional Characteristics	Not applicable.	
Flame Propagation/Burning Rate of Solid Materials	Not applicable.	
Properties of Materials That May Initiate or Contribute to Fire Intensity		Not applicable.
Potential for Dust Explosion	Not applicable.	
Reactions that Release Flammable Gases	None known	
Fast of Intensely Burning Characteristics	Not applicable.	
Non-flammables That Could Contribute Unusual Hazards to a Fire		Not applicable.
Release of Invisible Flammable Vapours and Gases	Not applicable.	
Decomposition Temperature	Not determined	
Additional Information		

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage, handling and use.
Conditions to Avoid:	None known
Incompatibilities Materials:	No information available for this product
Hazardous Decomposition Products:	No information available for this product
Hazardous Reactions:	No information available for this product

11 TOXICOLOGICAL INFORMATION

Inhalation:	This product is not thought to produce adverse health effects or irritation of the respiratory tract.
Ingestion:	This product is not harmful by ingestion when assessed against criteria of Safe Work Australia. This product may still produce gastrointestinal tract discomfort that may produce nausea and vomiting.
Skin:	This product is a skin sensitiser when assessed against criteria of Safe Work Australia. Direct skin contact may produce skin reactions for the individual, due to the removal of natural oils from the skin. Foreign body type discomfort may persist for a short time.
Eye:	This product is an eye irritant when assessed against criteria of Safe Work Australia. Direct eye contact will produce immediate discomfort for the individual, with consequent reflex closure of the lid and tearing. Foreign body type discomfort may persist for a short time.
Chronic effects:	Not available
Toxicology Information:	No toxicity data available for this product

12 ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and Degradability	Does not cause biological oxygen deficit. Methods for determination of biodegradability can not be applied to inorganic substances.
Mobility	Fully soluble in water.
Environmental Fate (Exposure)	Do NOT let product reach waterways, drains and sewers.
Bioaccumulative Potential	No information available on bioaccumulation for this product.

13 DISPOSAL CONSIDERATIONS

Disposal	Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/ reconditioned at an approved facility.
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Special Precautions for Land Fill or Incineration

Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with 'The Hazardous Waste Act'.

14 TRANSPORT INFORMATION

Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	Not Applicable
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated
Marine Pollutant	No

15 REGULATORY INFORMATION

Poisons Schedule	S5
EPG	Not applicable
AICS Name	All ingredients are on inventory

16 OTHER INFORMATION

Literature References No data available.
Sources for Data No data available.

Legend to Abbreviations and Acronyms

<	less than	m ³	cubic metre
>	greater than	mbar	millibar
AICS	Australian Inventory of Chemical Substances	mg	milligram
CAS	Chemical Abstracts Service (Registry Number)	mg/24H	milligrams per 24 hours
cm ²	square centimetres	mg/kg	milligrams per kilogram
CO ₂	Carbon Dioxide	mg/m ³	milligrams per cubic metre
COD	Chemical Oxygen Demand	Misc	miscible
deg C (°C)	degrees Celsius	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
ERMA	Environmental Risk Management Authority	mm	millimetre
G	gram	mPa.s	milli Pascal per second
g/cm ³	grams per cubic centimetre	N/A	Not Applicable
g/l	grams per litre	NOHSC	National Occupational Health and Safety Commission
HSNO	Hazardous Substance and New Organism	OECD	Organization for Economic Co-operation and Development
IDLH	Immediately Dangerous to Life and Health	PEL	Permissible Exposure Limit
Immiscible	liquids are insoluble in each other	ppb	parts per billion
Kg	kilogram	ppm	parts per million
kg/m ³	kilograms per cubic metre	ppm/2h	parts per million per 2 hours
LC ₅₀	LC stands for Lethal Concentration. LC ₅₀ is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.	ppm/6h	parts per million per 6 hours
LD ₅₀	LD stands for Lethal Dose. LD ₅₀ is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.	RCP	Reciprocal Calculation Procedure
Ltr	Litre	STEL	Short Term Exposure Limit
		TLV	Threshold Limit Value
		tne	tonne
		TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

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