



# Cargroomers

**MATERIAL SAFETY DATA SHEET**  
Classified as hazardous according to criteria of Worksafe Australia

**PRODUCT: THUNDER**

## SECTION 1 – PRODUCT IDENTIFICATION

**Trade Name:** THUNDER  
**Use:** Alkaline Vehicle Prewash

**Distributor:** Cargroomers Queensland Pty Ltd  
**Emergency Phone No:** (07) 3807 7577  
**Regular Phone No:** (07) 3807 7577  
**Address:** 10 Binary Street  
YATALA QLD 4207

## SECTION 2 – HAZARDS IDENTIFICATION

**Classification:** This material is classified as hazardous according to criteria of NOHSC.

**Hazard**  
Xi irritant

**Risk Phrases**  
R36/38 Irritating to eyes and skin.

**Safety Phrase(s):**  
S24/25: Avoid contact with skin and eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S37/39: Wear suitable gloves and eye/face protection  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

## SECTION 3 – INGREDIENTS

MATERIAL/COMPONENT	Wt%	CAS NUMBER
Sodium Hydroxide	<0.5%	1310-73-2
Ingredients not deemed hazardous	to 100%	

## SECTION 4 – EMERGENCY AND FIRST AID PROCEDURES

**For advice, contact a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 0 800 764766) or a doctor.**

### EMERGENCY AND FIRST AID PROCEDURES

**Ingestion:** Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical advice.  
**Eye contact:** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Seek immediate medical assistance.  
**Skin contact:** Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.  
**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Notes to physician:** Treat symptomatically.

## SECTION 5 – FIRE AND EXPLOSION DATA

<b>Flash Point:</b> Will not burn	<b>Method:</b> Not applicable
<b>Flammability Limits in Air (% Volume)</b>	
<b>Lower:</b> Not applicable	<b>Upper:</b> Not applicable

**Fire Extinguishing Media:** If product is involved in a fire, use water, dry chemical, foam or CO<sub>2</sub>  
**Special Fire Fighting Procedures:** If product is involved in a fire, fire fighters to wear full protective clothing and respiratory equipment.  
**Unusual Fire and Explosion Hazards:** Releases toxic fumes of oxides of carbon on combustion or oxidation.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spill or Leak:** Slippery when spilt. Contain spill with sand or earth. Do not allow to enter storm water drains, or water courses. Gather up absorbent for disposal according to regulations.



Waste Disposal: Refer to State Land Waste Management Authority.

#### SECTION 7 – HANDLING AND STORAGE

Handling & Storage: Avoid contact with skin and eyes. Slippery when spilt. Keep containers closed when not in use. Check regularly for spills.

Other:

#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, for constituent, Sodium Hydroxide:

Peak Limitation = 2 mg/m<sup>3</sup>  
As published by the National Occupational Health and Safety Commission.

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

These 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 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.

Engineering measures: Avoid generating and breathing in dusts. If inhalation risk exists, use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.

Personal Protection: Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C):	approx. 100	Volatiles:	>80%
Melting Point(C):	approx. 0	Press@20C mm Hg:	Not determined
Specific Gravity:	1.05 – 1.1	VAP Density:	Not determined
Sol In Water (g/l):	Soluble	pH at Use Dilution:	11-12
Appearance:	Clear Liquid	pH:	12-13
Evaporation Rate (nButyl Acetate=1)	Not determined		

#### SECTION 10 – STABILITY AND REACTIVITY DATA

Stability:	Stable under normal conditions of use.
Conditions to avoid:	Oxidising agents
Incompatibilities:	Oxidising agents, strong acids, cationic surfactants.
Hazardous decomposition products:	Toxic fumes of nitrogen oxides, carbon dioxide on combustion or oxidation.
Hazardous polymerisation:	Will not occur.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

##### HEALTH EFFECTS

Ingestion:	Swallowing can result in nausea, vomiting, diarrhea and abdominal pain
Eye contact:	An eye irritant.
Skin contact:	Contact with skin will result in irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.

Toxicological Data:  
None determined for this particular product.

#### SECTION 12 – ECOLOGICAL INFORMATION

Avoid contaminating waterways

## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of material according to Local Authority Regulations or through a licensed waste contractor.

## SECTION 14 – TRANSPORT INFORMATION

Road and Rail Transport:	UN No:	Not applicable	PACKAGING GROUP:	Not applicable
	CLASS:	Not applicable	HAZCHEM:	Not applicable
	SUB-RISK:	Not applicable	POISONS SCHEDULE:	Not applicable
Marine Transport:	No:	Not applicable	PACKAGING GROUP:	Not applicable
	CLASS:	Not applicable	HAZCHEM:	Not applicable
	SUB-RISK:	Not applicable	POISONS SCHEDULE:	Not applicable
Air Transport:	No:	Not applicable	PACKAGING GROUP:	Not applicable
	CLASS:	Not applicable	HAZCHEM:	Not applicable
	SUB-RISK:	Not applicable	POISONS SCHEDULE:	Not applicable

## SECTION 15 – REGULATORY INFORMATION

**Classification:** This material is classified as hazardous according to criteria of NOHSC. All the constituents of this material are listed on the Australian Inventory of Chemical Substances.

**Hazard**  
Xi irritant

**Risk Phrases**  
R36/38 Irritating to eyes and skin.

**Safety Phrase(s):**  
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## SECTION 16 – OTHER INFORMATION

### CONTACT POINTS ORGANISATION

Poisons Information Centre – Australia Wide  
Cargroomers Queensland Pty Ltd

Fire Brigade  
Police

### TELEPHONE

131126  
(07) 3807 7577  
0416 188 857  
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### ASK FOR

Errol Woolcott  
Errol Woolcott  
Fire Brigade  
Police

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Cargroomers Queensland Pty Ltd accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.

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Date: 23/07/2012