

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL

Product Name: CATAPULT
Other names: none
Recommended Use: Heavy duty cleaner, vehicle pre-treatment and mag wheel cleaner.
 EMERGENCY TELEPHONE NO: POISONS INFORMATION CENTRE **13 1126** OR (08) 8347 0040

2. HAZARD IDENTIFICATION

Classification of the substance:
 Skin irritation (Category 2)

Label elements
Pictograms:



Signal word: Warning
Hazard statements:
 H315 Causes skin irritation.

Precautionary Statements:
 P264 Wash hands thoroughly after handling.
 P280 Wear protective, impervious PVC gloves and eye protection.
 P302 + P352 IF ON SKIN: Wash off with plenty of water.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 If skin irritation occurs: Get medical advice.
 P337 + P313 If eye irritation persists: Get medical advice.
 P362 Take off contaminated clothing and wash before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Name</u> | <u>Proportion</u> | <u>CAS Number</u> |
|---|-------------------|-----------------------------|
| Anionic and non-ionic surfactants | 10-30% | Not classified as hazardous |
| 2-butoxy ethanol | <10% | 111-76-2 |
| Alkaline salts | <10% | 6834-92-0 |
| Other ingredients not classified as hazardous | <10% | Not classified as hazardous |
| Water | balance | Not classified as hazardous |

4: FIRST AID MEASURES

For Advice, contact a Poisons Information Centre on 13 1126 (Australia wide) or a doctor.

- Swallowed :** If swallowed, do NOT induce vomiting.
- Eye:** If in eyes, hold eyelids apart and flush the 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.
- Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Launder clothing prior to re-use. Seek medical advice if any symptoms persist.
- Inhaled:** If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
- Advice to doctor:** Treat symptomatically.

5: FIRE FIGHTING MEASURES

Non-flammable

- Specific Hazards:** Strongly alkaline.
- Extinguishing Media:** Water spray. (Non-flammable.)
- Unsuitable Extinguishing Media:** None known.
- Protective Equipment for Firefighters:** Wear full protective clothing and self-contained breathing apparatus.
- Additional Advice:**
- Hazchem Code** none specified

6: ACCIDENTAL RELEASE MEASURES

Observe all relevant local, federal and international regulations.

- Protective measures:** Avoid contact with spilled or released material. Remove all non-emergency personnel from the area. Immediately remove all contaminated clothing. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Material Safety Data Sheet. Shut off all leaks if this is possible without personal risk. Contain to prevent environmental contamination. Prevent from spreading or entering drains, ditches or rivers using sand, earth or other inert barriers.
- Spills:** Spills are slippery. Clean up all spills promptly.
For small liquid spills (< 1 drum), mop up all possible material and place in a sealable container for re-use or disposal. Rinse off remainder with water. Dispose in accordance with Federal, State and Local regulations.
For large spills (> 1 drum), transfer by mechanical means, such as vacuum truck, to a salvage tank for recovery or safe disposal. Rinse off remaining residue with water. Dispose in accordance with Federal, State and Local regulations.

7: HANDLING AND STORAGE

- Precautions:** Strongly alkaline.
Avoid contact with skin and eyes and avoid breathing spray mist.
Wear suitable protective clothing and equipment (PPE) to prevent skin and eye contact.
- Storage:** Store, tightly sealed, away from strong acids and foodstuffs.
Ensure containers are correctly labelled, protected from potential damage and properly sealed when not in use.
Check regularly for leaks or spills.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: No exposure limits available for this product, however, limits for its hazardous ingredient is as follows:

| Ingredient | Reference | TWA | | STEL | |
|------------------|-----------|-----|-------------------|------|-------------------|
| | | ppm | mgm ⁻³ | ppm | mgm ⁻³ |
| 2-butoxy ethanol | ACGIH | 20 | 96.9 | 50 | 242 |

Recommended minimum Personal Protective Equipment:

EYE PROTECTION: Splash proof chemical goggles.

GLOVE TYPE: PVC or Neoprene gloves

RESPIRATOR: Not required during normal or expected use. If finely atomised wear a respirator fitted with cartridges suitable for nuisance dust or supplied-air breathing apparatus.

OTHER: Suitable protective clothing to prevent skin contact, e.g. overalls and PVC Apron.

9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--|
| Appearance | Clear, red coloured mobile liquid with mild sweet ether odour. |
| Boiling Point | 100°C |
| Vapour Pressure | not determined |
| Specific Gravity | 1.1g/cm ³ @ 20°C |
| Flash Point | none |
| Solubility in water | Miscible in all proportions |
| pH | 13.2 (neat) |

10: STABILITY AND REACTIVITY

| | |
|-----------------------------|--|
| Chemical Stability: | Stable under ambient storage conditions. |
| Conditions to Avoid: | Avoid storing at very low temperatures (below 2°C) as crystallization and/or freezing may occur. |
| Material to Avoid: | Incompatible with acids. |
| Decomposition: | If heated to decomposition, oxides of carbon may be generated. |
| Hazardous Reactions: | Reacts violently with strong acids. Dangerous polymerization reactions not expected to occur. |

11: TOXICOLOGICAL INFORMATION

Possible Health Effects:

Acute:

Swallowed: Irritant to mouth, mucous membranes and intestinal tract. May cause burns. Ingestion of large quantities may induce nausea, vomiting and diarrhoea.

Eye: Irritant. May cause corneal damage.

Skin: Irritant. May cause burns.

Inhaled: If finely atomised, Catapult is likely to be irritant to mucous membranes and bronchial tract.

Chronic: No data.

Toxicity Data:

12: ECOLOGICAL INFORMATION

Environment: Avoid release to the environment. Refer to Chapter 6 of this Material Safety Data Sheet.

Ecotoxicity: no data
Persistence/Degradability: This product is phosphate free and contains surfactants that are classified as biodegradable according to standard test methods.

13: DISPOSAL CONSIDERATIONS

Waste Disposal: Wear protective equipment. Refer to local authorities to ensure compliance with legislative requirements for correct disposal. Recover and recycle if possible.

Container Disposal: Drain container thoroughly. After draining, rinse with water until effluent is pH neutral.

Local Legislation: Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

14: TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the criteria of the ADG Code.

UN Number none
Proper Shipping Name: none
DG Class none
Subsidiary Risk Class none
Packaging Group none
Hazchem Code none

Storage and Transport: Transport in original container or one that is correctly labelled. Store away from strong acids and food stuffs and in accordance with government regulations. Keep container tightly closed when not in use.

15: REGULATORY INFORMATION

Poisons Schedule: Schedule 5 POISON – According to the criteria of the Poisons Standard 2021.

AICS: All ingredients listed on the Australian Inventory of Chemical Substances.

16: OTHER INFORMATION

MSDS Creation Date: October 2021
Reason for up-date: Modification of format to comply with GHS requirements.