



Safety Data Sheet

1. Identification

Trade name of product : Descaler Power
Other Shipping Name : None allocated
Supplier Address : Ozkleen Asia-Pacific Pty Ltd
111 Lahrs Road Ormeau
Queensland 4208 Australia
Supplier Contact Details : Phone: +61 (0)7 5549 4777, www.ozkleen.com.au
Emergency telephone number : +61 (0)7 5549 4777 (09:00-17:00). Poisons Information 131126
Material uses : Descaler, cleaner
Date of issue : 21 February 2020

2. Hazards identification

Not classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to the criteria of Safe Work Australia.

Hazard Category

Eye Damage – Category 2A



Signal Word: WARNING

Hazard Statements:

Causes serious eye irritation.

Precautionary Statements:

Prevention:

Wash hands thoroughly after handling. Wear eye protection and protective gloves.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

Storage: Store in accordance with local regulations.

Disposal: Dispose of contents/container in accordance with local regulations.

General Phrases: Keep out of reach of children.

3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
Lactic Acid	50-21-5	<3	Not listed	Not listed

Product Name: DESCALER POWER

Ingredients determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Eye contact	: Rinse with plenty of running water. Seek medical advice if symptoms persist.
Skin contact	: Remove contaminated clothing (Wash before re-use). Then rinse with plenty of water. Seek medical advice if symptoms occur.
Inhalation	: Remove to fresh air. Seek medical advice if symptoms occur.
Ingestion	: Do NOT induce vomiting. Rinse mouth. Give water to drink. Seek medical advice if symptoms occur.
Notes to physician	: Treat symptomatically. May cause corneal burns.

5. Fire-fighting measures

Extinguishing media	: Use extinguishers suitable for surrounding materials.
Specific Hazards arising from the chemical	: Under fire conditions this product may emit irritating fumes including carbon monoxide and carbon dioxide.
Special protective equipment and precautions for fire-fighters	: Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA).
Hazchem Code	: None allocated.

6. Accidental release measures

Spills	: Increase ventilation. Avoid breathing vapours and contact with skin and eyes.
Personal precautions	: For small spills ensure suitable equipment and PPE is used. Dispose of waste in accordance with local rules. For large spills the following PPE is recommended to reduce risk: Safety Glasses, Chemical Resistant Shoes & Gloves, long sleeves / trousers. Remove non-essential personnel from the area. Ensure that any other products of incompatible classes near the spill are removed.
Environmental precautions	: Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.
Methods for cleaning up	: Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	: Use clean dispensing equipment. Use appropriate PPE. Ensure a high level of personal hygiene is maintained when using this product.
Storage	: Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks. Ensure good housekeeping in storage area. Do not store in the open or in unlabelled containers.

8. Exposure controls/personal protection

Occupational exposure limits	: No information available on the product itself. Values for specific hazardous ingredients are shown in section 3.
Engineering measures	: Use sensible work practices that reduce operator exposure to the product.

Product Name: DESCALER POWER

Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Keep containers closed when not in use.

Personal Protection

- Eyes** : Safety glasses/goggles. Eye protection should conform to AS/NZS 1337 Eye protectors for industrial applications. An eyewash facility should be available.
- Hands** : Chemical resistant gloves. Refer to AS/NZS 2161.1 Occupational protective gloves – Selection use and maintenance.
- Respiratory** : If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
- Skin** : Long sleeves/trousers/chemical resistant boots. Wear appropriate clothing, including a chemical resistant apron, where clothing is likely to be contaminated

9. Physical and chemical properties

- Physical state** : Liquid
- Colour** : Yellow
- Odour** : Citrus
- pH** : 1.0- 2.0
- Flash point (°C)** : NA
- Boiling point (°C)** : 100 (approx.)
- Specific Gravity (g/ml @ 25°C)** : 1.05 – 1.07
- Solubility in water** : Absolute

10. Stability and reactivity

- Reactivity** : No known adverse reactions.
- Stability** : Stable under normal storage conditions
- Possibility of Hazardous Reactions** : May emit carbon dioxide and carbon monoxide upon thermal decomposition.
- Conditions to avoid** : Avoid contact with food stuffs
- Incompatible Materials** : Alkaline materials, chlorinated products e.g. Bleach, washing powders.

11. Toxicological. information

Potential acute health effects

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

- Ingestion** : May result in burns to the mouth and digestive tract.
- Skin** : May cause skin irritation. Avoid prolonged contact.
- Eye** : Expected to cause serious eye irritation.
- Inhalation:** : Inhalation of fine mists may cause irritation to the respiratory tract and nasal passages.

12. Ecological information

Ecotoxicity data

- Persistence/degradability** : Biodegradable surfactants used.
- Mobility in Soil** : No known significant effects.
- Other adverse effects** : Not expected to be harmful to aquatic species.

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13. Disposal considerations

Methods of disposal : Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

14. Transport information

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	None allocated	None allocated	None allocated	None allocated	None allocated

15. Regulatory information

Not classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

This material is **HAZARDOUS** according to the criteria of Safe Work Australia.

Hazard Category

Eye Irritation – Category 2A

Signal Word: WARNING

Hazard Statements: Causes serious eye irritation.

Precautionary Statements:

Prevention:

Wash hands thoroughly after handling. Wear eye protection and protective gloves.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage: Store in accordance with local regulations.

Disposal: Dispose of contents/container in accordance with local regulations.

General Phrases: Keep out of reach of children.

16. Other information

Literature References : : Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code of the Transport of Dangerous Goods by Road & Rail. Workplace exposure standards, Safe Work Australia. Hazardous Substances/Chemicals Information System, Safe Work Australia. Globally Harmonised System of Classification and Labelling of Chemicals. Raw materials supplier's SDS

Prepared by : **Australian Chemical Services Pty Ltd (0411 863 178)**

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SAFETY DATA SHEET