

1. IDENTIFICATION

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Email Address:	info@mondialutilities.com.au

Product Name:	Mondial Tile Plus Pro
Other Names:	MONDIAL TILE PLUS CLEANER
Recommended Use:	To remove grease, oil and fat.
Emergency Telephone:	000 Police, Fire & Ambulance (Australia Only)
Poisons Info Centre:	13 11 26

2. HAZARDOUS IDENTIFICATION

Statement of Hazardous Nature This product is classified as: N, Dangerous to the environment. C, Corrosive.

Hazardous according to the criteria of SWA.

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria. SUSMP

ADG Classification: Class 8: Corrosive Substances.

UN Number: 1719 CAUSTIC ALKALI LIQUID,N.O.S.

Classification: S6

Pictograms:



GHS Signal word: DANGER

Corrosive to metals- Category 1

Skin corrosion –Category 1A

Eye corrosion-Category 1

Acute Toxicity Oral –Category 4

Hazardous to aquatic environment Short term/Acute-Category 3

HAZARD STATEMENT:

H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H402: Harmful to aquatic life.

PREVENTION:

P102: Keep out of reach of children.
P103: Read label before use.
P260: Do not breathe dust or vapours.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash contacted areas thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE:

P310: Immediately call a POISON CENTRE or doctor/physician.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378: Not combustible. Use extinguishing media suited to burning materials. Water fog or fine spray is the preferred medium for large fires.
P363: Wash contaminated clothing before reuse.
P391: Collect spillage.

STORAGE:

P405: Store locked up.

DISPOSAL:

P501: Dispose of contents/container in accordance with local, regional, national and international regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS	Proportion %
Water	7732-18-5	60-100
Sodium Hydroxide	1310-58-3	10-30
Other non-hazardous ingredients	BLEND	<10
Colour		Trace

4. FIRST AID MEASURES

Swallowed:	Rinse mouth with water. Give water to drink provided the person is conscious. Never give anything by mouth to an unconscious person. DO NOT induce vomiting seek Medical attention.
Eye Contact:	If in eyes, hold eyelids apart and flush the eye continuously with running water at least 15 minutes. Flush with 1% boric acid solution. Immediately seek medical advice.
Skin Contact:	If Skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation or discomfort persists, seek medical attention. Wash clothing before reuse.
Inhaled:	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
First Aid Facilities:	Standard first aid facilities.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability:	Not considered flammable or combustible.
Extinguishing Media:	Use appropriate method for specified area.
Fire/Explosion Hazard:	Non-combustible. This product is considered to be strongly alkaline. Corrosive to aluminium, zinc and tin, liberating flammable hydrogen gas.
Hazardous Reaction:	This solution in water is considered a strong base. Reacts exothermically on dilution with Water. It reacts violently with acid.
Protective Equipment:	Fire fighters must wear full protective clothing including self contained breathing apparatus. PVC or rubber gloves. Avoid contact with eyes and skin.
Hazchem Code:	2R

6. ACCIDENTAL RELEASE MEASURES

CLEAN UP PROCEDURE

Use personal protective equipment such as safety goggles/glasses and gloves. Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. CAUTION: Spill site may be slippery. Heat may be evolved on contact with water. For disposal instructions please refer to your State Waste Authority.

7. HANDLING & STORAGE

STORAGE & TRANSPORT

Keep containers closed at all times when not in use and protected against any form of physical damage. Remove drum bungs slowly to release any internal pressure. DO NOT use aluminium or galvanised containers. Store away from acids. Normal vehicle transport is considered appropriate.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:
Sodium hydroxide 2 mg/ m³

ACUTE EFFECTS

Swallowed:	Harmful if swallowed. May cause nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx and perforation of the gastrointestinal tract Oral LD50 = 500 mg/kg (rabbit). Will cause severe burns to mouth, throat, stomach and mucous membranes. Can kill if swallowed. Could possibly result in CNS (Central Nervous System) depression.
Eye:	Highly corrosive to eyes A severe eye irritant. May cause corneal damage.
Skin:	Harmful to skin and may cause burns.
Inhaled:	Possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonia and emphysema.
Chronic:	Prolonged skin contact can result in chronic dermatitis.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid with dark red colour.
Boiling Point:	Not Tested.
Vapour Pressure:	Not Tested.
Specific Gravity:	Not Tested.
Flash Point:	Not Flammable.
Solubility:	Soluble in water.
Ph:	12.5-13.5

10. STABILITY AND REACTIVITY

Corrosive to aluminum, zinc and tin, liberating flammable hydrogen gas. Store away from acids and ammonium salts.

11. TOXICOLOGICAL INFORMATION

Not Tested.

12. ECOLOGICAL INFORMATION

This substance may be hazardous to the environment. Adequate dilution should take place to reduce the concentration of alkaline salts.

13. DISPOSAL CONSIDERATIONS

Check state and local by laws.

14. TRANSPORT INFORMATION

This product contains a schedule poison (S6) and therefore must be maintained in accordance with State Poisons Act. Defined as a 'Dangerous Good' by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

UN Number	1824
DG Class	8 corrosive
Packaging Group	II
Hazchem Code	2R
Poisons Schedule	S6

16. OTHER INFORMATION

For further information on this product please contact the staff of Dynamic Chemicals.

This MSDS contained our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.