

Material Safety Data Sheet Cert

Section 1. Identification

Product Name: CERT

Recommended Use: Alkaline Degreaser

Supplier: Genesis Industrial Pty Ltd, 6 Ginger Street, Paget 4740 **Phone No:** 07 4999 9743

Emergency Phone No - 13 11 26 – Poisons Information Centre

Section 2. Hazards Identification

Classified as hazardous according to the Office of Australian Safety & Compensation Council (ASCC) criteria

Classification of the substance or mixture Dangerous Goods

Physical hazards Not Classified

Health hazards Skin Corr. 1A - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Pictogram

Label elements

Pictogram



Signal word DANGER

Hazard statements H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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.

P310 Immediately call a POISON CENTER or doctor/ physician. P321 Specific treatment (see medical advice on this label). P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

Contains Potassium Hydroxide

Section 3. Composition Information

Ingredient Name	CAS No	Proportions
Potassium hydroxide	1310-73-2	1-10%
Butoxyethanol	111-76-2	1-10%
Other ingredients determined not to be hazardous or below concentration cut-off to 100		

Section 4. First Aid

Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Chemical burns must be treated by a physician.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Get medical attention.
Skin Contact	It is important to remove the substance from the skin immediately. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Chemical burns must be treated by a physician.
Eye contact	Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

Section 5. Fire Fighting Measures

Fire/Explosion Hazard: This product is not combustible. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.

Additional Information: No Hazchem code is applicable.

Section 6. Accidental Release Measures

Spills and Disposal: Spills may be slippery. Remove non-essential personnel from the area. Ensure that any products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth.

Section 7. Handling and Storage

Precautions for Safe Handling and Storage: Not classified for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Dispensing: Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

Flammability: Non-combustible material.

Section 8. Exposure Controls and Personal Protection

Exposure Standards: There are no exposure standards available for this product. The manufacturer of 2-butoxyethanol has recommended an exposure standard of 25 ppm with peak limitation for this component.

Personal Protective Equipment: Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Eye/Face Protection: Safety glasses or chemical resistant goggles should be worn to prevent eye contact.

Skin Protection: Nitrile or rubber gloves should be used to prevent skin contact. **Respiratory Protection:** Respirator is not usually necessary unless the product is being used in a confined area. Use a suitable respirator for particulates & alkaline.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

Section 9. Physical and Chemical Properties

Appearance:	Yellow/brown liquid
Odour:	Chemical odour
Boiling Point (C):	Approximately 100
Vapour Pressure (mmHg @ 20C):	Not measured
Specific Gravity (g/ml @ 25C):	1.00 – 1.10
Flashpoint (C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Miscible with water
pH:	> 11

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal ambient storage conditions.

Conditions to Avoid: Avoid high temperatures (store below 30°C). Protect against physical damage.

Incompatible Materials: Strong Acids. Do not mix with other chemicals.

Hazardous Decomposition Products: None known

Hazardous Reactions: None known.

Section 11. Toxicological Information

HEALTH EFFECTS

Acute:

Swallowed: May cause nausea and irritation to the mouth and digestive tract

Eye: May cause severe irritation and reddening. Prolonged contact may cause permanent damage

Skin: May cause irritation to the skin.

Inhaled: Inhalation of fine mists will cause irritation to the respiratory tract and nasal passages.

Chronic: Repeated or prolonged exposure to 2-butoxyethanol can result in blood changes, liver and kidney disorders. There is evidence that experimental animals are more sensitive to these effects than humans.

FIRST AID:

Swallowed: If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

Inhaled: Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

Section 12. Ecological Information

Ecotoxicity: Concentrated product may harm environment. Dilute well with water and dispose of according to Local Authority regulations.

Section 13. Disposal Considerations

Disposal Method: Dilute well, Refer to State/Territory Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

Section 14. Transport Information

Classified as Dangerous Goods in accordance with the criteria of the Australian Dangerous Goods Code for transport by Road and Rail (ADG 7.3).

UN Number UN1824

Proper Shipping Name POTASSIUM HYDROXIDE SOLUTION

Technical Name -

Transport Hazard Class 8

Packing Group II

Environmental Hazards None

Special Precautions for User None

Additional Information None

Hazchem Code 2R

Section 15. Regulatory Information

Poisons Schedule:

S5

Caution

S2

Keep Out of the Reach of Children

S 45

In case of an accident or if you feel unwell, seek medical advice immediately

Section 16. Other Information

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point Genesis Industrial Pty Ltd, Technical Manager

MSDS Date: 29th November 2016