

Cert

Section 1. Identification

Product Name:	Cert	Product Code:	CERT
Recommended Use:	To clean, defat & degrease hard surfaces		
Supplier:	True Blue Chemicals		
Street Address:	2/1 Endeavour Road Caringbah NSW 2229	Postal Address:	PO Box 334 Caringbah NSW 1495
Phone No:	02 9540 1911	Fax No:	02 9540 1983
Internet:	www.truebluechemicals.com.au		

Emergency Phone No - 13 11 26 - Poisons Information Centre

Section 2. Hazards Identification

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

Dangerous Goods Class 8 - Corrosive

Risk Phrases

R36: Irritating to eyes
R38: Irritating to skin

Safety Phrases

S24/25: avoid contact with skin and eyes



Section 3. Composition Information

Ingredient Name	CAS No	Proportions
Non Hazardous	Not applicable	to 100%
Sodium Hydroxide	1310-73-2	<10%

Section 4. First Aid

Eyes (Contact): Hold eyelids apart & 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 (Contact): Remove contaminated clothing and flush skin and hair with running water.

Inhalation (Breathing): Not volatile at room temperatures.

Ingestion (Swallowing): DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor

Advice to Doctor: Treat symptomatically for highly alkaline solution.

First Aid Facilities: Ensure an eye bath and a safety shower is available & ready for use.

Additional Information: No aggravated medical conditions are known to be caused by exposure to this product.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:

Solution does not burn. Use extinguishing media suited to the materials that are burning; eg: dry chemical, CO₂ or water spray.

Hazards from Combustion Products:

Carbon dioxide, carbon monoxide, nitrogen oxides and other toxic gases may be produced in the case of fire or during thermal decomposition. Corrosive alkali vapours may be present.

Precautions for Firefighters & Special Protective Equipment:

Firefighters must wear full protective clothing including self contained breathing apparatus & chemical splash suit. Ensure no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.

Additional Information: HazChem Code - 2R

May generate flammable hydrogen gas if in contact with zinc, tin, magnesium or aluminium.

Section 6. Accidental Release Measures

Emergency Procedure:

SAA/SNZ HB76: Dangerous Goods - Initial Emergency Response Guide (Guide 37) for large volumes.

Spills/Clean Up:

For small volumes (approximately less than 1l) clean up personnel should wear full protective clothing.

Restrict access to the area until completion of clean up.

Stop leak if safe to do so.

Contain spill with absorbent material such as sand, vermiculite or other inert material.

Prevent spill entering sewers or waterways.

Collect & dispose of spilled material according to local regulations.

Wash away remnants with copious amounts of cold water.

Clean area by working from the periphery to the centre of the spill or from the edge of the room to the centre.

Section 7. Handling and Storage

Precautions for Safe Handling:

Contact True Blue Chemicals sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.

Do not use for manual dishwashing.

Do not mix with hot water.

Any non-intended or non-authorized use of this product may result in severe personal injuries including caustic burns or damage to equipment and severe corrosion.

Store product in original container.

Wash hands and face thoroughly after handling product and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage:

Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8. Exposure Controls and Personal Protection

National Exposure Standards: Source - National Exposure Standards for Atmospheric Contaminants in the Occupational Environment (NOHSC:1003).

Ingredient Name	CAS No	ES-TWA	ES-STEL
Sodium Hydroxide	1310-73-2	2mg/m ³	n/a

Biological Limit Values: Not available.

Engineering Controls: Ensure adequate ventilation to keep airborne concentrations below exposure standards.

Personal Protective Equipment:



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

Skin Protection: use nitrile rubber gloves to prevent skin contact.

Respiratory Protection: respirator is not usually necessary but if product is being used in a confined area where mist is a problem, use a respirator suitable for particulates and alkaline gases.

Section 9. Physical and Chemical Properties

Appearance:	Clear Liquid	Colour:	Purple
Odour:	Characteristic	pH:	>13.0
Specific Gravity:	1.03	Vapour Pressure:	Not determined
Flash Point (°C):	Approximately 43°C	Water Solubility:	Complete
Upper & Lower Flammability Limits (in air):	Not determined		

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:	Incompatible with aluminium, tin, zinc, magnesium & their alloys. Also incompatible with acid, fertilizers, chlorinating compounds, brominated compounds and nitrated hydrocarbons.
Hazardous Decomposition Products:	None known
Hazardous Reactions:	May react with aluminium, tin & zinc to produce flammable hydrogen gas.

Section 11. Toxicological Information**Health Effects - Acute**

Swallowed:	Considered an unlikely route of entry in commercial/industrial environments. May cause tissue damage in the mouth, throat & stomach.
Eye:	Pain & reddening will occur. Severe damage may result if not treated immediately.
Skin:	Causes irritation, redness & burns on contact with skin.
Inhaled:	Inhalation of mist may cause irritation.

Health Effects - Chronic

Swallowed:	No effects known
Eye:	Permanent injury may result
Skin:	Repeated skin contact may lead to dermatitis
Inhalation:	Possibility of moderate to severe respiratory damage.

Toxicity Data

Sodium Hydroxide - LD₅₀40mg/kg (intraperitoneal mouse) RTECS WB 4900000

Section 12. Ecological Information

Ecotoxicity:	Not expected to be ecotoxic after dilution or neutralisation
Persistence & Degradability:	Not available
Mobility:	Not available

Section 13. Disposal Considerations

Disposal Method:	Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty container thoroughly before recycling or disposing to an authorised landfill.
Special Precautions:	Normally suitable for incineration by approved agent.

Section 14. Transport Information

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1719
UN Proper Shipping Name	CAUSTIC ALKALI LIQUID, N.O.S.
Class & Subsidiary Risk	8 - Corrosive
Packing Group	II
Special User Precautions	Not applicable
HazChem Code	2R

Section 15. Regulatory Information

Poisons Schedule (SUSDP): schedule 5 - POISON

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS)

Section 16. Other Information

Prepared By:	Sue Bartlett, Quality Assurance Manager
Date:	August 2011/App0811

Cert

Alkaline Kitchen Degreaser

Highly concentrated multi-purpose cleaner to remove persistent soil. The ideal choice where a versatile product which offers aggressive cleaning is required. Do not use on aluminium surfaces.

FEATURES

Antislip additive
Biodegradable
Fast acting
Highly alkaline
Versatile

ADVANTAGES

Avoids accidents
Environmentally sensitive
Saves time
Strong formula
Replaces multiple products

BENEFITS

Increased safety
Peace of mind
Labour saving
Excellent results in food processing areas
Inventory control

HOW TO USE:

Floor Stripping: Dilute 1 part CERT to 10 parts warm water to remove polish film.

Floor Cleaning: Dilute 1 part CERT to 50 parts warm water.

Steam Cleaning: Dilute 1 part CERT to 80 parts water.

Defatting Agent: Dilute 1 part CERT to 40 parts water in kitchens, canteens, etc.

Oven Cleaning: Heat oven to 50°C & switch off. Allow to cool for 5-10 minutes, squirt CERT onto the side wall of the oven first, then top to bottom. Allow CERT to work for 5-10 minutes on warm surfaces, wipe off with damp cloth, sponge or paper towel.

Hot Plates: Squirt CERT onto warm hot plate (50°C), agitate & rinse off with potable water. It is advisable to seal hot plate after cleaning with a small amount of butter or margarine otherwise the hot plate may corrode.

NOTE: Do not use on HOT oven or grill plate, turn the appliance OFF and allow to cool before using.

Rest Room Cleaner: Dilute 1 part CERT to 30 parts water.

General Maintenance: Dilute 1 part CERT to 50 parts water & use to clean hard surfaces such as cupboards, bench tops, glass, chrome, stainless steel, painted surfaces and enamel.

DO NOT USE on aluminium or magnesium as CERT will pit and dissolve these surfaces.

Colour	Purple	Rinsability	Fast, free rinsing
Odour	Odourless	Flammability	Non Flammable
Hard Water Tolerance	Excellent	Biodegradability	Full
Type:	Aqueous Alkaline Degreaser		