SAFETY DATA SHEET

Section 1: IDENTIFICATION

DISHBRITE

Recommended Use: Machine washing detergent.
Product Code: 040041C (3x5L)

Whiteley Industrial
A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)
Postal Address: P. O. Box 1076 North Sydney NSW 2059
Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077
Web: www.whiteley.com.au
Emergency Telephone Number: Poisons Information Centre (National) 131126

Distributed in New Zealand by:
Whiteley Corporation NZ Limited
Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640
Telephone Number: 092737313, 0800 257 352
Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Skin Corrosion (Category 1)
Metal Corrosion (Category 1)

Signal Word **DANGER**

Hazard Statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

Precautionary Statements

P234	Keep only in original container
P260	Do not breathe dusts or mists
P264	Wash hands thoroughly after using
P280	Wear protective gloves/protective clothing and eye protection

Response Statements

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN: Take off 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.
P310	Immediately call a POISON CENTRE or doctor/physician.
P363	Wash contaminated clothing before reuse
P390	Absorb spillage to prevent material damage

Storage Statements

P405	Store locked up

Disposal Statements

P501	Dispose of container as per local regulations

HSNO Classifications

8.1A	Substances that are corrosive to metals
8.2C	Substances that are corrosive to dermal tissue
8.3A	Substances that are corrosive to ocular tissue

Section 3: COMPOSITION INFORMATION

Ingredient	**CAS No**	**Proportion**
Sodium Hydroxide	1310-73-2	10-<30%
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact) Hold eyelids apart and flush the eye continuously with running water. Immediately call a Poison Centre or doctor/physician.

Skin (Contact) Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs seek medical advice. Wash contaminated clothing before reuse.

Inhalation(Breathing) Remove promptly to fresh air. Apply artificial respiration if not breathing.

Ingestion (Swallowing) DO NOT induce vomiting. Give water to drink if conscious. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor/physician.

Advice to Doctor Treat symptomatically for highly alkaline detergent.

First Aid Facilities Ensure an eye wash and safety shower are available and ready for use.

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

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media Solution does not burn. Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO_2 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 Fire Fighters and Special Protective Equipment Fire-fighters must wear full protective clothing including self-contained breathing apparatus and chemical splash suit. Ensure that 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 Very slippery when wet. Clean up personnel should wear full protective clothing. Restrict access until completion of clean up. Then ensure adequate ventilation. Stop leak if safe to do so. Contain spill with absorbent material, such as towelling, sand, vermiculite or other inert material. Prevent spill entering stormwater drains or waterways. Collect and dispose of clean up material according to local regulations. Wash away remnants with copious amounts of cold water to sewer. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.
Any non-intended or non-authorised use of this product may result in personal injury or damage to equipment.
Store product in original container.
Wash hands thoroughly after handling product.

Conditions for Safe Storage Store in a cool, dry, well ventilated area. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

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

Biological Limit Values No data available.

Engineering Controls Use only in a well ventilated area.

Personal Protective Equipment

Eye/face protection – Safety glasses / face shield / chemical resistant goggles should be worn to prevent eye contact.
Skin protection – Use Nitrile gloves or similar to prevent skin contact.
Respiratory protection – Respirator is not usually necessary but if required use a half face filter respirator suitable for organic vapours.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear pale yellow liquid	**Odour**	Mild
Odour Threshold	No data available	**pH**	>14
Freezing Point	Approx. 0^{o}C	**Initial Boiling Point**	Approx. 100^{o}C
Boiling Range	No data available	**Flash point**	No data available
Evaporation Rate	No data available	**Flammability**	No data available
Upper flammability limit	No data available	**Lower flammability limit**	No data available
Vapour Pressure	No data available	**Vapour Density**	No data available
Relative Density	1.220	**Solubility**	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	**Autoignition temperature**	No data available
Decomposition temperature	No data available	**Viscosity**	Approx. 20 cPs

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Product is stable and will not undergo any hazardous reactions under normal conditions of use and storage.
Conditions to avoid	None known.
Incompatible materials	Incompatible with aluminium, tin, zinc, magnesium and 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 and zinc to produce flammable hydrogen gas.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Sodium Hydroxide: LD_{50} 40mg/kg (Intraperitoneal, mouse) RTECS WB4900000 Tetrasodium EDTA: LD_{50} 330mg/kg (Intraperitoneal, mouse) RTECS AH5075000
Skin corrosion/ irritation	Product causes irritation, pain and reddening on skin contact. Serious burns may result if the affected area if product is not removed immediately by thorough washing with water.
Serious eye damage/ irritation	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.
Respiratory or skin sensitisation	No data available.

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	No data available.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
Special precautions	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 and subsidiary risk	8 – Corrosive
Packing Group	II
Special precautions for user	Not applicable
Hazchem Code	2R

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): schedule 6 - POISON
All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).
HSNO Approval Code: HSR002526
This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

Date of preparation: 5th July 2016