

# Safety Data Sheet



## 1. Identification

**GHS Product identifier:** HY.WASH OPL BREAK Laundry Liquid  
**Company Name:** HY.GIENE Australia Pty. Ltd.  
**Address:** 11 18-20 Edward Street, OAKLEIGH 3166  
**Telephone:** (03) 9729 3946  
**Recommended use:** OPL Laundry Liquid  
**Other Names:** 780  
**Emergency contact:** 1800 616 930

## 2. Hazard Identification

**Statement of Hazardous Nature**

**Hazardous according to the criteria of Safe Work Australia.  
 NOT a Dangerous Good according to ADG Code.**

**Signal Word**

**DANGER**  
 Skin Irritation Category 2  
 Serious eye damage Category 1



**Hazard Statements**

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye irritation

**Precautionary statements**

**Prevention**

P262: Do not get in eyes, on skin, or on clothing.  
 P264: Wash contacted areas thoroughly after handling.  
 P280: Wear protective gloves, protective clothing, eye or face protection.  
 P312: Call the POISON INFORMATION CENTRE On 131 126 or doctor if you feel unwell.

**Response**

P302+ P352: IF ON SKIN (or hair): Wash skin with plenty of clean water.  
 P362+364: Remove contaminated clothing and wash before re-use.  
 P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal**

P501 Dispose of contents/ container to an approved waste disposal plant.

**This product becomes non-hazardous when diluted 30 fold, or 3.3% in water.**

### 3. Composition/information on ingredients

**Chemical Characterization** Aqueous blend of surfactants and alkalis.

#### Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
Sodium hydroxide	1310-73-2	LOW	C	R36/38
Butyl Glycol Ether	111-76-2	LOW		

KEY: Proportion, (wt %) - V HIGH >60, HIGH 30 - 60, MED 10 -29, LOW 1-9, V LOW <1

Non hazardous proprietary ingredients to 100%

### 4. First-aid measures

<b>Ingestion:</b>	Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Skin:</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.
<b>Advice to Doctor</b>	Treat symptomatically. Consult Poisons Information Centre
<b>Other Information</b>	For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26 and New Zealand 0800 764 766) or a doctor.

### 5. Fire-fighting measures

<b>Hazards from Combustion Products</b>	No data available.
<b>Suitable extinguishing media</b>	Use extinguishing media most appropriate for the surrounding fire such as water, foam or dry agent (carbon dioxide, dry chemical powder). If safe to do so, move undamaged containers from the fire area. If a significant quantity (>200L) of this product is involved in a fire, call the fire brigade.
<b>Specific hazards arising from the chemical</b>	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product is likely to decompose only after heating to dryness, followed by further strong heating.
<b>Precautions in connection with fire</b>	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

### 6. Accidental release measures

<b>Personal Precautions</b>	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods- Small Spillages</b>	Minor spills do not require special clean up measures or emergency procedures. Wear recommended personal protective equipment outlined in Section 8 when containing any spillage.
<b>Large Spillages</b>	Seek expert advice on handling and disposal.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains or waterways.

### 7. Handling and storage

<b>Precautions for Safe Handling</b>	Product is safe to handle under normal conditions of use.
<b>Risk Phrases</b>	R36/38 Irritating to eyes and skin.
<b>Conditions for safe storage</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
<b>Incompatible products</b>	None known
<b>Incompatible materials</b>	None known

### 8. Exposure controls/personal protection

**Occupational exposure limit values**

<u>Name</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u>
	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
Sodium hydroxide	2		2		Peak limitation
Butyl Glycol Ether	242		97		

The Peak Limitation is a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

**Appropriate engineering Controls**

In industrial situations maintain the concentrations values below the TWA.

**Personal Protective Equipment**

Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.

**Respiratory Protection**

Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - *Selection, Use and Maintenance of Respiratory Protective Devices*. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-face piece SCBA should be used

**Eye Protection**

The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

**Hand Protection**

Avoid skin contact when removing gloves from hands, do not touch the gloves outer surface. Hand protection should comply with AS 2161, *Occupational protective gloves - Selection, use and maintenance*.

**Footwear**

Recommendation: Nitrile rubber gloves. Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, *Occupational protective footwear - Guide to selection, care and use*.

**Body Protection**

Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 *Clothing for Protection Against Hazardous Chemicals*.

**Hygiene Measures**

Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping.

**9. Physical and chemical properties**

<b>Appearance</b>	Thin, red-coloured liquid.
<b>Odour</b>	Characteristic
<b>Melting Point</b>	~0 °C
<b>Boiling Point</b>	~100°C
<b>Flash point</b>	Not applicable
<b>Vapour Pressure</b>	Not determined
<b>Solubility</b>	Miscible in water in all proportions
<b>Specific Gravity</b>	1.02 g/cm <sup>3</sup> @ 20 °C
<b>pH</b>	13 (as supplied)
<b>Viscosity</b>	Not determined
<b>Percent volatile</b>	> 85 %
<b>Flammability</b>	Non flammable

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	No special conditions. Refer to storage conditions in Section 7.
<b>Incompatible Materials</b>	Acids.
<b>Hazardous Decomposition products</b>	Not available.
<b>Possibility of hazardous reactions</b>	Not determined.
<b>Hazardous Polymerization</b>	Will not occur.

**11. Toxicological Information**

<b>Acute toxicity:</b>	No known significant effects or hazards.
<b>STOT, Specific Target Organ Toxicity (repeated exposure):</b>	No known significant effects or hazards.
Health effects from the likely routes of exposure:	
<b>Inhalation</b>	Irritant to the throat and nose.
<b>Skin</b>	Corrosive to the skin.
<b>Eye</b>	Corrosive to the eyes.
<b>Ingestion</b>	May result in irritation to the gastrointestinal tract. Harmful if swallowed.

**12. Ecological information**

<b>Ecotoxicity</b>	No data available. Harmful to aquatic organisms due to product's pH.
<b>Persistence and degradability</b>	No data available. Major components are biodegradable.

**13. Disposal considerations**

<b>Disposal Considerations</b>	Avoid release of product to the environment. Product and containers are suitable for landfill. Containers should be emptied as completely as practical before disposal. Check with Waste Disposal Authority before disposal.
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**14. Transport information**

<b>U.N. Number</b>	None allocated	<b>NOT classified as a Dangerous Good.</b>
<b>UN proper shipping name</b>	None allocated	
<b>Transport hazard class</b>	None allocated	
<b>Hazchem Code</b>	None allocated	
<b>Packing Group</b>	None allocated	

**15. Regulatory information**

<b>Regulatory Information</b>	Ingredients listed in the Australian Inventory of Chemical Substances (AICS).
<b>Poisons Schedule</b>	None allocated

**16. Other Information**

**Date of preparation or last revision of SDS - 16/01/2025** Reason for issue: Address change

*THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THIS PRODUCT AND HOW TO SAFELY USE THIS PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS*