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Safety Data Sheet

BREAK PLUS

Laundry Detergent

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1. Identification

GHS Product Identifier BREAK PLUS Laundry Detergent
Other Names
Company Name HY.GIENE Australia Pty. Ltd.
Address 11/18-20 Edwards Street, Oakleigh 3166
Telephone
Fax Number (03) 9729 3946
Contact
Recommended use sales@hygieneaustralia.com.au Laundry
Other Information: Detergent
Emergency contact: #13 11 26

2. Hazard Identification

Statement of Hazardous Nature

This product is classified as Hazardous according to the criteria of Safe Work Australia.
NOT a Dangerous Good according to the Australian Dangerous Goods (ADG) Code version 7.

GHS Signal Word (s) **WARNING**

Hazard Statement(s) H315 Causes skin irritation.
H320 Causes eye irritation.

GHS Pictogram (s)



Precautionary statement(s)

Prevention P233+P234: Keep only in original container. Keep container tightly closed.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response P353 Rinse skin or shower with water.
P301+P330+P338: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338: IF IN EYES: Rinse with water for several minutes.
Remove contact lenses, if present. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.
P391: Collect spillage.
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

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

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



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3. Composition/Information on Ingredients

Chemical Characterization Aqueous blend of proprietary surfactants and alkalis.

Hazardous ingredients

<u>Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Hazard symbol</u>	<u>Risk phrase</u>
Butyl Glycol Ether	111-76-2	LOW	Xi	R36/38
KEY: Proportion, (wt %)	V HIGH >60, HIGH 30 - 60, MED 10 –29, LOW 1-9, V LOW <1			

4. First Aid Measures

Ingestion:	Rinse mouth with water. Do NOT induce vomiting. Consult a physician.
Skin:	Wash off with soap and plenty of water.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, while holding eyelids open
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
First Aid Facilities	Maintain eyewash fountain and safety shower in work area.
Advice to Doctor	Treat symptomatically.
Other Information	For advice, contact the National Poisons Information Centre (Australia 13 11 26 and New Zealand 0800 764 766) or a doctor. Have this SDS with you when you call.

5. Fire Fighting Measures

Suitable extinguishing media	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.
Specific hazards arising from the chemical	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.
Precautions in connection with fire	Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

6. Accidental Release Measures

Personal Precautions	Use personal protective equipment. Avoid breathing mist. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8).
Clean-up Methods- Small Spillages	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.
Large Spillages	Prevent spillage from entering drains or water courses. Seek expert advice on handling and disposal.
Environmental Precautions	Store large volumes in banded or contained areas. Do not let product enter drains or waterways.



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7. Handling and Storage

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

8. Exposure controls/personal protection

Occupational exposure limit values

<u>Name</u>	<u>STEL (mg/m³)</u>	<u>TWA (mg/m³)</u>
Butyl Glycol Ether	242	96.6

Appropriate engineering controls In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

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 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. If respiratory protection is required; institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

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 AS1336.

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. Recommendation: Nitrile rubber gloves.

Footwear 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.



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9. Physical and chemical properties

Appearance	Thin, clear, yellow/orange liquid
Odour	Scented
Boiling Point	~ 100 °C
Solubility	Soluble in water in all proportions
Specific Gravity	1.0 g/cm ³ @ 20 °C
pH	12 – 12.5 (as supplied)
Viscosity	<50 cPs @ 20 °C
Percent volatile	> 80 %
Flammability	Non-flammable

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	No special conditions. Refer to storage conditions in Section 7.
Incompatible Materials	None known.
Hazardous Decomposition products	Not determined.
Possibility of hazardous reactions	Not determined.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Local Effects	Irritant: eye, skin, inhalation and ingestion.
Target Organs	Eyes and skin.

12. Ecological Information

Ecotoxicity	No data available.
Persistence and degradability	No data available.

Major ingredients are biodegradable and are NOT expected to accumulate in soil or water, nor cause long term problems.

13. Disposal Considerations

Disposal	The small quantities contained in wash solutions can be handled by conventional sewage, septic and grey water systems. To dispose of large quantities of undiluted product, refer to State Land Waste Management Authority. Containers should be emptied as completely as practical before disposal.
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14. Transport information

ADG Code This product is NOT a Dangerous Good. No special transport conditions are necessary.

15. Regulatory information

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

GHS Classification Skin Irritation Category 2
Eye Irritation Category 2A

SUSMP None allocated

ADG Code None allocated

16. Other Information

Date of preparation or last revision of SDS 16 January 2025

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.