

Safety Data Sheet

according to WHMIS 2015

Effective date: 17/04/26

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Biodegradable Enzyme Detergent A

SECTION 1: Identification

Product name: Biodegradable Enzyme Detergent A

Other means of identification: Liquid laundry detergent

Recommended use and restrictions on use: Liquid detergent for laundry application.


Supplier Details:

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Saskatoon, Saskatchewan
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Tel: 1-844-441-7719
Fax: 1-306-665-2099

Emergency telephone number: Call CANUTEC's 24-hr Number 613-996-6666

SECTION 2: Hazard Identification

Classification of the substance or mixture:

 <p>Corrosion</p>	<ul style="list-style-type: none">• Serious eye damage/eye irritation - Serious eye damage (Category 1)
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Signal word: Danger

Hazard statements:

Causes serious eye damage.

Precautionary statements:

Wear eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor if you feel unwell.

Other hazards which do not result in classification: no information available.

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SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Concentration (% wt/wt)
Alcohols (C12-C15), ethoxylate	68131-39-5	15 - 25

SECTION 4: First Aid Measures

Description of first aid measures:

After inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

After skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

After swallowing: Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Indication of any immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting Measures

Extinguishing media

Suitable extinguishing agents: Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.

For safety reasons, unsuitable extinguishing agents: no information available.

Special hazards arising from the substance or mixture: no information available.

Advice for firefighters:

Protective equipment: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus NIOSH Approved or equivalent to maintain TLV.

Additional information (precautions): Product will not burn.

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SECTION 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: See Section 8.

Methods and material for containment and cleaning up: Mop up or flush to sewer with plenty of water. Floor will be slippery, use care to avoid falls.

SECTION 7: Handling and Storage

Precautions for safe handling: Intended for institutional and industrial use, not for consumer use. Store upright in original, closed container.

Conditions for safe storage, including any incompatibilities: It is incompatible with strong oxidizing agents.

SECTION 8: Exposure Controls/Personal Protection

Control Parameters: no information available.

Appropriate Engineering Controls: Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Respiratory protection: Not required

Protection of skin: Chemical resistant gloves

Eye protection: Safety glasses

General hygienic measures: Handle in accordance with good industrial hygiene and safety practices.

SECTION 9: Physical and Chemical Properties

Appearance:	Clear to slight amber liquid	Vapor pressure:	Not established
Odor:	Neutral	Vapor density:	Not established
Odor threshold:	Not established	Relative density/Specific gravity:	1.05
pH - value:	8.5 – 9.5	Density:	1.05 g/ml
Melting/Freezing point:	Not established	Solubility:	100% (in water)
Boiling point/Boiling range:	~ 100 °C	Partition coefficient (n-octanol / water):	Not established
Flash point:	> 95 °C ASTM D93-16a	Auto/Self-ignition temperature:	Not established
Evaporation rate:	Not established	Decomposition temperature:	Not established

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Flammability:	Not established	Viscosity:	10-30 cps
Flammable limit lower:	Not established		
Flammable limit upper:	Not established		

SECTION 10: Stability and Reactivity

Reactivity: This product is stable.

Chemical stability: no information available.

Possible hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: no information available.

Incompatible materials: It is incompatible with strong oxidizing agents.

Hazardous decomposition products: If burned, normal combustion products such as water vapor, carbon oxides and nitrous oxides will evolve.

SECTION 11: Toxicological Information

Component	Acute Toxicity		Skin and Eye Corrosion Irritation
	Oral LD ₅₀ (Rat)	Dermal LD ₅₀ (Rabbit)	
Alcohols (C12-C15), ethoxylate	Not available	Not available	Causes serious eye damage.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Mutagenicity: Not classified.

STOT – Single Exposure: Not classified.

STOT – Repeated Exposure: Not classified.

SECTION 12: Ecological Information

No information available.

SECTION 13: Disposal Considerations

Waste disposal recommendations: This product, in its original form is not considered to be a hazardous waste. Dispose of in accordance with local, state and federal regulations.

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SECTION 14: Transport Information

UN Number: Not regulated for shipping

UN proper shipping name: not applicable

Transport hazard class(es)

Packing group:

Environmental hazard:

Transport in bulk, if applicable:

Special precautions:

SECTION 15: Regulatory Information

No information available.

SECTION 16: Other Information

YXELABS Incorporated provides the information contained herein in good faith but makes no representation as to its completeness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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Abbreviations and acronyms:

CAS: Chemical Abstracts Service

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

NIOSH: National Institute for Occupational Safety and Health

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