

Safety Data Sheet

according to WHMIS 2015

Effective date: 16/06/23

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Multi-Purpose Detergent

SECTION 1: Identification

Product name: Multi-Purpose Detergent

Other means of identification: Liquid laundry detergent

Recommended use and restrictions on use: Heavy duty laundry detergent



Supplier Details:

YXELABS Incorporated
316-111 Research Drive
Saskatoon, Saskatchewan
Canada, S7N 3R2
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:

 Corrosion	<ul style="list-style-type: none">• Serious eye damage/eye irritation - Serious eye damage (Category 1)
 Exclamation Mark	<ul style="list-style-type: none">• Skin corrosion/irritation – Skin irritation (Category 2)• Respiratory or skin sensitization – Skin sensitizer (Category 1)
	<ul style="list-style-type: none">• Flammable Liquid – (Category 4)

Signal word: Danger

Hazard statements:

Causes serious eye damage.

Causes skin irritation.

May cause an allergic skin reaction.

Combustible liquid.

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Precautionary statements:

Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Avoid breathing fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No Smoking.

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 ON SKIN: Wash with plenty water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place. Dispose of contents/container in accordance with all federal, provincial, and/or local regulations.

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

SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Concentration (% wt/wt)
Alcohols, C9-11, ethoxylated	68439-46-3	< 10
2-(2-butoxyethoxy)ethanol	112-34-5	< 10
Monoethanolamine	141-43-5	< 10
Cocamidopropyl betaine	61789-40-0	< 5
D-limonene	5989-27-5	< 5
Poly(oxy-1,2-ethanediyl),alpha-und ecyl-omega-hydroxy-	34398-01-1	< 5
Alcohols, C12-13, ethoxylated	66455-14-9	< 5

SECTION 4: First Aid Measures

Description of first aid measures:

After inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. If symptoms persist seek medical attention.

After skin contact: Flush area with copious amounts of soap and water for at least 10 minutes. Remove contaminated clothing and launder before reuse.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If irritation persists, get medical assistance.

After swallowing: Seek medical attention immediately. DO NOT INDUCE VOMITING. Rinse mouth with water. DO NOT ADMINISTER ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON. Do not leave victim unattended. If victim is conscious and alert, give 2 – 4 cupful of milk or water.

Most important symptoms and effects, both acute and delayed: No information available.

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Indication of any immediate medical attention and special treatment needed: No information available.

SECTION 5: Firefighting Measures

Extinguishing media

Suitable extinguishing agents: Carbon dioxide, water fog, foam or dry chemical. Caution: Carbon dioxide will displace air in confined spaces and may create an oxygen deficient atmosphere.

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

Special hazards arising from the substance or mixture: Carbon monoxide and carbon dioxide from combustion of product.

Advice for firefighters:

Protective equipment: Vapours may be irritating to eyes, skin, and respiratory tract. Firefighters should wear self-contained breathing apparatus (SCBA) and full fire-fighting turnout gear.

Additional information (precautions): No information available.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Eliminate all ignition sources. Use personal protective equipment recommended in Section 8. Product is slippery when spilled. Isolate the hazard area. Deny entry to unnecessary and unprotected personnel.

Methods and material for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches, and waterways. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Absorb spilled liquid with suitable material such as vermiculite, earth, or sand and place in appropriate disposal container. Eliminate all ignition sources.

SECTION 7: Handling and Storage

Precautions for safe handling: Open container slowly to release pressure caused by temperature variations. Do not allow this material to come in contact with eyes. Avoid prolonged contact with skin. Use in a well ventilated area. Do not breathe vapours. As with any chemical, employees should thoroughly wash hands with soap and water after handling this material.

Conditions for safe storage, including any incompatibilities: Keep away from heat, spark, and flame. Store in a cool, dry, well-ventilated area out of direct sunlight.

SECTION 8: Exposure Controls/Personal Protection

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Control Parameters: No information available.

Appropriate Engineering controls: General ventilation is usually adequate.

Respiratory protection: Not normally required with adequate ventilation. In enclosed spaces or where adequate ventilation is unavailable, use NIOSH approved air purifying respirator with organic vapour cartridge or canister.

Protection of skin: Nitrile gloves are recommended. Boots, apron, or body suit should be worn as necessary.

Eye protection: Wear safety goggles or glasses.

General hygienic measures: Wash hands thoroughly after handling. Have eyewash and emergency shower facilities immediately available. Launder contaminated clothing before reuse.

SECTION 9: Physical and Chemical Properties

Appearance:	Yellowish clear liquid	Vapor pressure:	No information available
Odor:	Orange	Vapor density:	No information available
Odor threshold:	No information available	Relative density/Specific gravity:	1.03
pH - value:	10.5 – 11.5	Solubility:	Soluble in water
Melting/Freezing point:	No information available	Partition coefficient (n-octanol / water):	No information available
Boiling point/Boiling range:	No information available	Auto/Self-ignition temperature:	No information available
Flash point:	61.5 °C ASTM D93-16a	Decomposition temperature:	No information available
Evaporation rate:	No information available	Viscosity:	No information available
Flammability:	No information available	Molecular formula:	Not applicable
Flammable limit lower:	No information available	Molecular weight:	Not applicable
Flammable limit upper:	No information available		

SECTION 10: Stability and Reactivity

Reactivity: No information available.

Chemical stability: Material is stable under normal conditions.

Possible hazardous reactions: Polymerization will not occur

Conditions to avoid: Avoid excessive heat or contact with strong oxidants. Containers may rupture if exposed to excessive heat.

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Incompatible materials: Oxidizing materials, chlorine-containing products. Contact with strong oxidizers presents a fire and explosion hazard.

Hazardous decomposition products: Oxides of carbon, alcohols.

SECTION 11: Toxicological Information

Skin sensitization: No information available.

Respiratory sensitization: No

Carcinogenicity: No

Reproductive toxicity: No

Mutagenicity: No

Synergistic products: information not available.

SECTION 12: Ecological Information

No information available.

SECTION 13: Disposal Considerations

Dispose of contents/container in accordance with all federal, provincial, and/or local regulations.

SECTION 14: Transport Information

UN Number: Not regulated

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

SECTION 15: Regulatory Information

No information available.

SECTION 16: Other Information

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forth herein or the product to which the information refers. Accordingly, YXELABS Incorporated will not be responsible for damages resulting from use or reliance upon this information.

Abbreviations and acronyms:

CAS: Chemical Abstracts Service

Effective date: 16/06/23

Last updated: 17/11/21