

Safety Data Sheet

according to WHMIS 2015

Effective date: 17/01/10

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Detergent 2

SECTION 1: Identification

Product name: Detergent 2

Other means of identification: Liquid laundry detergent

Recommended use and restrictions on use: Heavy duty laundry detergent



Supplier Details:

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Saskatoon, Saskatchewan
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Tel: 1-844-441-7719
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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">• Skin corrosion/irritation - Skin corrosion (Category 1B)• Serious eye damage/eye irritation - Serious eye damage (Category 1)
 <p>Exclamation Mark</p>	<ul style="list-style-type: none">• Acute toxicity – Oral, Dermal, Inhalation (Category 4)

Signal word: Danger

Hazard statements:

Causes severe skin burns and eye damage
Causes serious eye damage.
Harmful if swallowed.
Harmful if inhaled.
Harmful in contact with skin.

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Precautionary statements:

Avoid breathing fumes/mist/vapors/spray. Keep out of reach of children. Read label before use. Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Keep container tightly closed.

Other hazards which do not result in classification: May be corrosive to metals.

SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Concentration (% wt/wt)
Sodium xylenesulfonate	1300-72-7	10-30
Alcohol ethoxylate	68991-48-0	7-13
Tetrasodium salt of EDTA	64-02-8	5-10
Sodium metasilicate pentahydrate	10213-78-3	5-10

SECTION 4: First Aid Measures

Description of first aid measures:

After inhalation: Remove person to fresh air. Get medical attention.

After skin contact: While removing clothing, wash with large volumes of soap and water for at least 15 minutes. If irritation develops, get medical attention.

After eye contact: Remove contact lenses. Flush with large volumes of water for at least 15 minutes. Get medical attention.

After swallowing: DO NOT INDUCE VOMITING. If conscious, give 1-2 glasses of water and get immediate medical care.

SECTION 5: Firefighting Measures

Extinguishing media

Suitable extinguishing agents: Not flammable. Use media appropriate for surrounding fire.

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

Special hazards arising from the substance or mixture: Hazardous decomposition products: Carbon monoxide and carbon dioxide.

Advice for firefighters:

Protective equipment: Wear SCBA and protective clothing to prevent skin and eye contact in fire situations.

Additional information (precautions): Not flammable.

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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: Contain spill and salvage material if possible. Dispose of unusable material in a suitable container. Spills can be neutralized with dilute acids such as citric acid or vinegar. Wash residue with plenty of water. Spill areas may be very slippery.

SECTION 7: Handling and Storage

Precautions for safe handling: Use appropriate personal protection equipment. Avoid eye, skin and clothing contact. Avoid repeated or prolonged contact. Use only in a well ventilated area. Store away from any product involved in food processing.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated area away from incompatible materials. Protect containers from damage. Keep containers closed when not in used.

SECTION 8: Exposure Controls/Personal Protection

Appropriate Engineering Controls: Use in areas with good general ventilation. Use automatic dispensing directly from container when possible. Eye wash, emergency shower

Respiratory protection: Not required for normal use.

Protection of skin: Use impervious (rubber, nitrile) gloves and clothing to minimize skin contact.

Eye protection: Eye protection is recommended in large spill situations and when handling large quantities.

General hygienic measures: The usual precaution for the handling of chemicals must be observed.

SECTION 9: Physical and Chemical Properties

Appearance:	Blue liquid	Vapor pressure:	No information available
Odor:	Fresh scent	Vapor density:	No information available
Odor threshold:	No information available	Relative density/Specific gravity:	1.07
pH - value:	11.5 – 12.5	Density:	No information available
Melting/Freezing point:	Not established	Solubility:	100% (in water)
Boiling point/Boiling range:	~ 100 °C	Partition coefficient (n-octanol / water):	No information available
Flash point:	Not applicable	Auto/Self-ignition temperature:	No information available
Evaporation rate:	No information available	Decomposition temperature:	No information available

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Flammability:	No information available	Viscosity:	No information available
Flammable limit lower: Flammable limit upper:	No information available		

SECTION 10: Stability and Reactivity

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Contact with acids will release heat and carbon dioxide.

Incompatible materials: Strong oxidizers, acids.

Hazardous decomposition products: Oxides or carbon and sodium.

SECTION 11: Toxicological Information

Chemical Name	CAS No.	% wt/wt	LD ₅₀ of Ingredient
Sodium xylenesulfonate	1300-72-7	10-30	oral (rat) 650 mg/kg
Alcohol ethoxylate	68991-48-0	7-13	oral (rat) 2000 mg/kg
Tetrasodium salt of EDTA	64-02-8	5-10	oral (rat) 1780 mg/kg
Sodium metasilicate pentahydrate	10213-78-3	5-10	oral (rat) 847 mg/kg

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP or ACGIH.

Teratogenicity, mutagenicity, reproductive effects: This product was found not to be mutagenic when tested by the Ames Assay (OECD Guidelines for Testing of Chemicals, Sec. 471)

SECTION 12: Ecological Information

No information available.

SECTION 13: Disposal Considerations

Product should be disposed of in accordance to provincial or state and local government requirements prior to disposal. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance to local regulations.

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SECTION 14: Transport Information

UN Number: Not regulated for shipping

SECTION 15: Regulatory Information

Canadian WHMIS: D.2.b, E

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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