

# Safety Data Sheet

According to WHMIS 2015

Effective date: 17/02/10

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## Biodegradable Degreaser C

### SECTION 1: Identification

**Product name:** Biodegradable Degreaser C

**Other means of identification:** Degreaser/cleaner

**Recommended use and restrictions on use:** Degreaser for laundry application


**Supplier Details:**

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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><b>Exclamation Mark</b></p>	<ul style="list-style-type: none"><li>• Skin corrosion/irritation – Skin irritation (Category 2)</li><li>• Serious eye damage/eye irritation – Eye irritation (Category 2A)</li></ul>
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**Signal word:** Warning

**Hazard statements:**

Causes skin irritation.

Causes serious eye irritation.

**Precautionary statements:**

Wear protective gloves and eye/face protection. Wash hands thoroughly after handling.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

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Store in cool/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)
Alcohol ethoxylate	68991-48-0	7 – 10
Sodium NTA	18994-66-6	1 – 5
Sodium metasilicate pentahydrate	6834-92-0	1 – 5
D-limonene	5989-27-5	0.5 - 1

### SECTION 4: First Aid Measures

**Description of first aid measures:**

**After inhalation:** Remove victim to fresh air. If irritation persists, seek medical attention.

**After skin (or hair) contact:** Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.

**After eye contact:** Remove contact lenses. Flush immediately with large volumes of water. If irritation persists, seek medical attention.

**After swallowing:** Do not induce vomiting. If vomiting occurs, lean victim forward to prevent breathing in vomitus. Give large amounts of water. Do not give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

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

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

### SECTION 5: Firefighting Measures

**Extinguishing media**

**Suitable extinguishing agents:** Use media appropriate for surrounding fire.

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

**Special hazards arising from the substance or mixture:** None associated with this product.

**Advice for firefighters:**

**Protective equipment:** See Section 8.

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**Additional information (precautions):** The product is not flammable.

### SECTION 6: Accidental Release Measures

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

**Methods and material for containment and cleaning up:** Wear proper PPE. Stop or reduce leak if safe to do so. Restrict access to spill area until clean-up is complete. Prevent material from entering sewers, waterways or confined spaces. Soak up smaller spills with non-reactive absorbent material. Flush with water to remove any residue. Use caution when walking in spill areas because spills can cause extremely slippery conditions.

### SECTION 7: Handling and Storage

**Precautions for safe handling:** Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry, and well-ventilated place. Keep containers tightly closed and away from incompatibles such as strong acids and oxidizers.

### SECTION 8: Exposure Controls/Personal Protection

**Appropriate Engineering Controls:** Use in areas with good general ventilation. Use automatic dispensing directly from container when possible.

**Respiratory protection:** Not required for normal use.

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

**Eye protection:** Use chemical goggles when handling large volumes.

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

### SECTION 9: Physical and Chemical Properties

<b>Appearance:</b>	Clear orange liquid	<b>Vapor pressure:</b>	No information
<b>Odor:</b>	Orange	<b>Vapor density:</b>	No information
<b>Odor threshold:</b>	No information	<b>Relative density/Specific gravity:</b>	1.02 ± 0.02
<b>pH - value:</b>	11.5 ± 0.5 (1% in water)	<b>Density:</b>	No information
<b>Melting/Freezing point:</b>	0 °C	<b>Solubility:</b>	100% in water
<b>Boiling point/Boiling range:</b>	100 °C	<b>Partition coefficient (n-octanol / water):</b>	No information

### SECTION 10: Stability and Reactivity

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<b>Flash point:</b>	Not applicable	<b>Auto/Self-ignition temperature:</b>	No information
<b>Evaporation rate:</b>	No information	<b>Decomposition temperature:</b>	No information
<b>Flammability:</b>	Not applicable	<b>Viscosity:</b>	No information
<b>Flammable limit lower:</b>	Not applicable		
<b>Flammable limit upper:</b>	Not applicable		

**Reactivity:** Product is stable under normal conditions.

**Chemical stability:** No information available.

**Possible hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** No information available.

**Incompatible materials:** This product is incompatible with strong acids and oxidizers.

**Hazardous decomposition products:** May thermally decompose to produce carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological Information

Component	Oral LD <sub>50</sub> (Rat)
Alcohol ethoxylate	2000 mg/kg
Sodium NTA	2000 mg/kg
Sodium metasilicate pentahydrate	1153 mg/kg
D-limonene	4400 mg/kg

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

**Reproductive toxicity:** This product was found not to be mutagenic when tested by the Ames Assay (OECD Guidelines for Testing of Chemicals, Sec. 471).

**Mutagenicity:** 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

**Environmental fate:** Readily biodegradable.

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### SECTION 13: Disposal Considerations

**Waste disposal recommendations:** 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.

### 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

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:**

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

OSHA: Occupational Health and Safety Administration

**Effective date:** 17/02/10

**Last updated:** 17/11/21