

MATERIAL SAFETY DATA SHEET

State Chemical Division – State Industrial Products 3100 Hamilton Avenue, Cleveland, OH 44114 (216) 861-7114
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **ECOLUTION PRO (Cleaner Degreaser)** 24 Hour Emergency CHEMTREC Number: 800-424-9300
Product Description: A formulated general purpose cleaner. MSDS Number: 115881

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Alcohol Ethoxylates	Proprietary	< 15%	NE	NE
Alcohol Ethoxylates	Proprietary	< 7.0%	NE	NE
Alkyl Polyglycoside	110615-47-9	< 15%	NE	NE
Sodium Gluconate	527-07-1	< 5.0%	NE	NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May cause eye and skin irritation. May be harmful if swallowed.

POTENTIAL HEALTH EFFECTS Eye Contact: May cause eye irritation, blurred vision, tearing and redness. Skin Contact: May cause skin irritation. Inhalation: May cause respiratory tract irritation, headache, dizziness, difficulty in breathing. Ingestion: May be harmful if swallowed. May cause nausea, vomiting, diarrhea, mucous membrane irritation.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult a physician. Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and launder before reuse. If irritation persists, consult a physician. Inhalation: Remove to fresh air. If irritation persists, consult a physician. Ingestion: Give two glasses of water. Do not induce vomiting. Never give anything to an unconscious person. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

Flashpoint: >200°F [93°C] Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA Flammable Properties: None expected. Extinguishing Media: Carbon Dioxide, water, dry chemical, foam. Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Use absorbent to pick up residue and dispose of properly. Avoid discharge to natural waters. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

Handling: This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Harmful if swallowed. Empty product containers may contain product residue. Avoid contact with skin, eyes and clothing. Do not mix with other chemicals. Do not reuse empty containers. Storage: Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation. Personal Protective Equipment: Respiratory: Normal room ventilation is adequate. Eye: Wear approved safety glasses or goggles with unperforated sideshields. Skin: Wear chemically impervious gloves such as rubber or latex for prolonged or repeated contact. Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue-Green Odor: No fragrance added. Physical State: Liquid pH: Concentrate: 7.5 +/- 0.5; Diluted: 7.0 – 8.0 Boiling Point: 212°F [100°C] Freezing/Melting Point: NA Solubility in Water: Complete Specific Gravity: 1.03 VOC Content: < 1% Density: 8.59 lbs/gal

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous Polymerization: Will not occur. Conditions to Avoid: None expected. Incompatibility: None expected. Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Alcohol Ethoxylates	Proprietary	NE	NE
Alcohol Ethoxylates	Proprietary	NE	NE
Alkyl Polyglycoside	110615-47-9	> 5.0 g/kg (oral rat)	NE
Sodium Gluconate	527-07-1	NE	NE

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Not toxic. LC50 ≥100 mg/L. Biodegradability: > 60% within 28 days.

13. DISPOSAL CONSIDERATIONS

Do not reuse empty containers. Dispose of in accordance with the Federal, State, and Local regulations regarding pollution and waste disposal. Product as supplied contains no listed hazardous waste. It also does not meet the definition for an unspecified corrosive or ignitable waste.

14. TRANSPORT INFORMATION

DOT Shipping Data: Not regulated. Canadian TDG: Not regulated.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory. CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL. Proposition 65: Raw materials used in this product have identified the opportunity for the presence of very low levels of the following California Proposition 65 chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: Ethylene Oxide (75-21-8). We have tested a representative sample of this product for the presence of these chemicals and have found none to be present at above analytical detection limits. VOC: This product as regulated by California and other states, is classified as a "General Purpose Cleaner" with a maximum VOC content of 4%. SARA 313: This product contains no toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372). HMIS Rating: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PPE = B WHMIS Rating: Not regulated.

16. OTHER INFORMATION

NA = Not Available or Not Applicable NE = Not Established **Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.**

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