



PROFESSIONAL CLEANING PRODUCTS

SAFETY DATA SHEET

1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: CLR PRO® - Commercial Probiotic Cleaner – Lemon Scent

Product Use: Spray cleaner for removing stains and soils from hard surfaces.

Restrictions on Use: None known

Manufacturer: Jelmar, LLC

Address: 5550 W. Touhy Ave.
Skokie, IL 60077 USA
1 (847) 675-8400

Emergency Phone Number: 1 (800) 323-5497 (USA) 8:30 A.M. – 4:30 P.M. CST Monday – Friday

Emergency 24-hour Contact: Chemtrec 1 (800) 424-9300

2 – HAZARDS IDENTIFICATION

COMPLIES WITH 29 CFR 1900.1200 DATED MAY 2024

CLASSIFICATION

Eye Irritation, Category 2A

LABEL ELEMENTS



Signal Word Warning

Hazard statements Causes serious eye irritation.

Precautionary statement(s)

Wear eye protection/face protection.

Wash skin thoroughly after handling

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/attention.

Keep out of reach of children.

Hazard(s) not otherwise classified (HNOC)

DO NOT mix with other household cleaners or chemicals including bleach, as toxic fumes may result.

Unknown Acute Toxicity: Not applicable



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SECTION 3 – COMPOSITION /INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Mixtures

HAZARDOUS COMPONENTS:

<u>Component</u>	<u>CAS#</u>	<u>OSHA HAZARD</u>	<u>% by Weight</u>
1. Caprylyl/Decyl Glucoside	68515-73-1	YES	1.00-5.00
2. Sodium Xylene Sulfonate	1300-72-7	YES	1.00-5.00

The exact percentages (concentration) of mixture have been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4 – FIRST AID MEASURES

FIRST AID MEASURES

EYE CONTACT: In case of eye contact, immediately rinse eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

SKIN CONTACT: In case of skin contact, rinse area for at least 15 minutes. Remove contaminated clothing and shoes, wash thoroughly before reuse. If irritation persists, get medical attention.

INHALATION: Not a significant route of exposure. Remove to fresh air. If breathing is difficult, GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: If swallowed, DO NOT induce vomiting, drink a glass of water. Call POISON CENTER or doctor immediately. NEVER give an unconscious person anything to ingest.

MOST IMPORTANT SYMPTOMS AND EFFECTS: May cause serious eye irritation. Effects may vary depending on length of exposure. Symptoms may include stinging, redness, tearing, and blurred vision of the eyes. Prolonged skin contact may cause mild skin irritation. Symptoms may include redness, discomfort and itching.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Provide general supportive measures and treat symptomatically. Provide SDS to physician. Symptoms may be delayed.

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Not flammable. Use appropriate media for area.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Hazardous Combustion Products: Carbon Monoxide. Thermal decomposition can lead to irritating gases and vapors.

Fire and Explosion Hazards: None known.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: Evacuate area of personnel. Wear protective NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers. Contaminated extinguishing water must be disposed of in accordance with local, state and federal regulations.



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SECTION 6 – ACCIDENTAL RELEASES MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid breathing vapors or mist. Use personal protective equipment, see Section 8. Isolate area and deny entry to unnecessary and unprotected personnel.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Small Spill: No special clean-up procedure is necessary for small (less than 1 gallon) spills. Flush spill area with water. Area may be slippery. Wear rubber gloves.

Large Spill: Dam spill and absorb with earth, sand or similar material. Place in non-leaking containers. Flush residue with large amount of water. Area may be slippery. Dispose of collected material according to local, state, and federal regulations. Avoid direct discharge to sewers and surface waters.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid contact with eyes, skin or clothing. Use appropriate personal protective equipment (see Section 8). Use with adequate ventilation. Avoid breathing vapors or mist. Observe good industrial hygiene practices when handling this material. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use. **DO NOT MIX WITH OTHER HOUSEHOLD CLEANERS OR CHEMICALS INCLUDING BLEACH, AS TOXIC FUMES MAY RESULT.** Keep out of reach of children.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Store in original containers in a secure area away from children and pets. Store in cool, well-ventilated area, away from heat. Keep containers tightly closed.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

COMPONENT

	OSHA		ACGIH	
	PEL	STEL/C	TWA	STEL/C
1. Caprylyl/Decyl Glucoside	N.E.	N.E.	N.E.	N.E.
2. Sodium Xylene Sulfonate	N.E.	N.E.	N.E.	N.E.

APPROPRIATE ENGINEERING CONTROLS: Use with adequate ventilation. Do not use in closed or confined spaces. Avoid prolonged breathing of vapors or mists of this product. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If occupational exposure limits have not been established, maintain airborne levels to an acceptable level.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None required during normal household use. In an industrial setting, respiratory protection must be worn if ventilation does not eliminate symptoms or keep levels below recommended exposure limits. If vapor or mist is present, wear NIOSH-Approved respirator for vapors and mists, NIOSH-Approved self-contained breathing apparatus, NIOSH-Approved full-face piece positive-pressure, air-supplied respirator. DO NOT exceed limits established by respirator manufacturer. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of product.

EYE PROTECTION: Not required during normal household usage. Wear safety glasses/goggles if potential for splashing exists. Industrial users wear safety goggles; wear face protection if the potential for splashing exists. Do not wear contact lenses. Emergency responders should wear full eye and face protection.



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SKIN PROTECTION: Not required during normal household usage. Industrial users wear rubber gloves with protective cuff. Emergency responders should wear impermeable gloves.

OTHER PROTECTION: Emergency responders should wear chemical type (impermeable) protective clothing and footwear where direct contact with chemicals in this product is possible.

WORK/HYGIENIC PRACTICES: Wash hands thoroughly after use or handling. Routinely wash work clothing and protective equipment to remove contaminants. Use good industrial hygiene practices when handling this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	Colorless to pale yellow
Odor/odor threshold:	Neutral base with fresh fragrance
Melting point/freezing point:	N.D.
Boiling point (or initial boiling point or boiling range):	N.D.
Flammability:	Not Flammable
Lower and upper explosion limit/flammability limit:	N.A.
Flash point:	>201°F / >94°C
Auto-ignition temperature:	N.D.
Decomposition temperature:	N.D.
pH:	7 - 8
Kinematic viscosity:	N.D.
Solubility:	Soluble
Partition coefficient n-octanol/water:	N.D.
Vapor pressure/evaporation rate (Pascal):	N.D.
Density and/or relative density:	N.D.
Relative vapor density:	N.D.
Particle characteristics:	N.A.

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: No hazardous reactions if stored and handled as prescribed/indicated.

CHEMICAL STABILITY: Stable under normal storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: DO NOT MIX with other household cleaners or chemicals including bleach, as toxic fumes may result.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating gases, vapors and carbon oxides. In the event of fire: see Section 5.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure: Eyes, Skin, Inhalation, Ingestion.

Eyes: Irritant: avoid eye contact. Effects may vary depending on length of exposure.

Skin: Mild Irritant: avoid prolonged skin contact. Effects may vary depending on length of exposure.



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Inhalation: No adverse effects expected under typical use conditions.

Ingestion: No adverse effects expected under typical use conditions.

Symptoms: May cause serious eye irritation. Effects may vary depending on length of exposure. Symptoms may include stinging, redness, tearing, and blurred vision of the eyes. Prolonged skin contact may cause mild skin irritation. Symptoms may include redness, discomfort and itching.

Information on Toxicological Effects:

Numerical Measures of Toxicity:

Constituent	Oral LD50	Dermal LD50	Inhalation LC50
Caprylyl/Decyl Glucoside	>2,000 mg/kg (rat)	> 2,000 mg/kg (rabbit)	No data
Sodium Xylene Sulfonate	3,346 mg/kg (rat)	> 2,000 mg/kg (rabbit)	>6.41 mg/L (rat)
Product Acute Toxicity Estimate	>5,000 mg/kg	>5,000 mg/kg	Not assessed

Delayed and Immediate Effects and Chronic Effects from Short- and Long-Term Exposure:

Eye Irritation: Causes serious eye irritation (GHS Category 2A).

Skin Irritation: Product is not classified based on available data.

Skin Sensitization: Product is not classified based on available data.

Respiratory Sensitization: Product is not classified based on available data.

Carcinogenicity: This product does not contain any substances at greater than 0.1% (w/w) that are considered carcinogenic by the National Toxicology Program (NTP) Report on Carcinogens and have not been found to be potential carcinogens in the International Agency for Research on Cancer (IARC) Monographs or found to be potential carcinogens by OSHA.

Mutagenicity: Product is not classified based on available data.

Reproductive Toxicity: Product is not classified based on available data.

Specific Target Organ Toxicity – Single Exposure: Product is not classified based on available data.

Specific Target Organ Toxicity – Repeated Exposure: Product is not classified based on available data.

Aspiration Hazard: Product is not classified based on available data.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Constituent	Organism and Species	Results
Caprylyl/Decyl Glucoside	Fish (<i>Danio rerio</i>)	96h LC50: 100.81 mg/L 28d NOEC: 1.8 mg/L
	Crustacea (<i>Daphnia magna</i>)	48h EC50: >100 mg/L 21d NOEC: 2 mg/L
	Algae (<i>Desmodesmus subspicatus</i>)	72h EC50: 37 mg/L (growth)
	Microorganisms (<i>Pseudomonas putida</i>)	6h EC50: >560 mg/L (growth)



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Constituent	Organism and Species	Results
Sodium Xylene Sulfonate	Fish (<i>Oncorhynchus mykiss</i>)	96h LC50: >1000 mg/L
	Crustacea (<i>Daphnia magna</i>)	48h EC50: >1000 mg/L 21d LC50: 154 mg/L
	Algae (<i>Raphidocelis subcapitata</i>)	72h EC50: 252 mg/L (cell number)
	Microorganisms (Activated sludge)	3h EC10: ≥1000 mg/L

Persistence / Degradability:

Constituent	Results
Caprylyl/Decyl Glucoside	Readily biodegradable: 100% (OECD 301E)
Sodium Xylene Sulfonate	Readily biodegradable: 98% (OECD 301B)

Bioaccumulative Potential:

Constituent	Log Pow	Bioconcentration Factor (BCF)
Caprylyl/Decyl Glucoside	<1.77 @ 40 °C	No data
Sodium Xylene Sulfonate	0.07 @ 20 °C	No data

Mobility in soil: No information available.

PBT and vPvB assessment: Not considered to be PBT or vPvB.

Other Adverse Effects: No information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Rinse empty bottles and recycle. Do not reuse empty bottle. For Industrial use, dispose of unused product following all local, state, and federal regulations. Processing, use or contamination of this product may change the waste management options. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. State and local disposal regulations may differ from federal disposal regulations.

CONTAMINATED PACKAGING: Follow label warnings, since containers may retain some residue of the product.

SECTION 14 – TRANSPORTATION INFORMATION

DOT (Department of Transportation) (Land Transport): Not regulated.

Hazard Class/Label: N.A.

Packaging Group: N.A.

UN Number: N.A.

Proper Shipping Name: N.A.

IMDG (Marine Transport): Not regulated.

Hazard Class/Label: N.A.

Packaging Group: N.A.

UN Number: N.A.



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Proper Shipping Name: N.A.

Marine Pollutant: No

IATA (Air Transport): Not regulated.

Hazard Class/Label: N.A.

Packaging Group: N.A.

UN Number: N.A.

Proper Shipping Name: N.A.

SECTION 15 – REGULATORY INFORMATION

FEDERAL REGULATIONS:

TSCA INVENTORY STATUS: All components of this product are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA TITLE III SECTION 311/312 CATEGORY:

IMMEDIATE (ACUTE) HEALTH HAZARD:	YES
DELAYED (CHRONIC) HEALTH HAZARD:	NO
FIRE HAZARD:	NO
SUDDEN RELEASE OF PRESSURE:	NO
REACTIVE HAZARD:	NO

SARA SECTIONS 302/304/313/HAP: NO

STATES RIGHT TO KNOW: California, New Jersey, Pennsylvania, Minnesota, Massachusetts, and Wisconsin. Complies with listed States Right to Know Acts.

The following statement is made in order to comply with the California State Drinking Water Act. California Proposition 65: No disclosures necessary. Beta Myrcene (indirect from natural food sources) 0.026% (CAS: 123-35-3). The listed materials that have been determined to come from a natural food source qualify for the Natural Food Source labeling exemption stated in 27 CCR 25501(a) & (b).

SECTION 16 – OTHER INFORMATION

Date of Revision: 26-May-2025

Section 2: Update GHS classification. Editorial and formatting changes to comply with 29 CFR 1900.1200 dated May 2024.

Total VOC (wt. %): <1% (exempt fragrance oil) (Volatile Organic Compounds/California Air Resources Board)

SDS ABBREVIATIONS:	ACGIH:	American Conference of Governmental Industrial Hygienists
	C:	Ceiling Limit
	EC50:	Effective Concentration to 50% of a test population
	HAP:	Hazardous Air Pollutant
	IATA:	International Air Transport Association



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IMDG:	International Maritime Dangerous Goods
LC50:	Lethal Concentration to 50% of a test population
LD50:	Lethal Dose to 50% of a test population
N.A.:	Not Applicable
N.D.:	Not Determined
N.E.:	Not Established
NIOSH:	National Institute for Occupational Safety & Health
NOEC:	No Observed Effect Concentration
OECD:	Organisation for Economic Cooperation and Development
PBT:	Persistent, Bioaccumulative and Toxic
PEL:	Permissible Exposure Limits
STEL:	Short-Term Exposure Limit
TSCA:	Toxic Substances Control Act
TWA:	Time-Weighted Average
UN:	United Nations
vPvB:	Very Persistent and Very Bioaccumulative
VOC:	Volatile Organic Compound

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