



SAFETY DATA SHEET

Issue Date: February 12, 2022

Revision Date: N/A

SECTION 1: PRODUCT IDENTIFICATION

Identity: **CLR PRO® Commercial Probiotic Cleaner (All Fragrances)**

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

Supplier Address

Jelmar, LLC
5550 West Touhy Avenue
Suite 200
Skokie, IL 60077

General Questions (8:30 A.M. – 4:30 P.M. CST Monday – Friday): (847) 675-8400

Emergency Phone Number: Contact CHEMTREC 24 hours, 1(800) 424-9300

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

SECTION 2: HAZARDS IDENTIFICATION

Complies with 29 CFR 1910.1200 dated May 2012.

Classification of the Substance or Mixture

Classification (GHS-US)

None Required

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US): None required

Signal Word (GHS-US): None required

Hazard Statements (GHS-US): None required

Precautionary Statements (GHS-US): None required

Other Hazards (Acute and Chronic)

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Can emit toxic fumes if mixed with other products

Unknown Acute Toxicity (GHS-US): Not available

SECTION 3: COMPOSITION AND INGREDIENTS

The exact percentages (concentration) of the mixture has been withheld as a trade secret in accordance with paragraph (i) of 29 CFR 1910.1200.

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS No.</u>	<u>Composition Range</u>
Water	Water	7732-18-5	90-99%
Propylene Glycol	Propylene glycol	57-55-6	1-10%
Bacterial Ferment	B. subtilisin ferment	Withheld	1-5%
C ₈₋₁₀ alkyl polyglucoside	D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	1-5%
Sodium xylene sulfonate	Sodium xylene sulfonate	1300-72-7	1-5%
Sodium polyitaconate	Butanedioic acid, 2-methylene, homopolymer, sodium salt	1052620-22-0	<1%
Methylisothiazolinone	Methylisothiazolinone	2682-20-4	<1%

Synthetic tea tree oil	Tea tree oil (synthetic)	Withheld	<1%
Sodium hydroxide	Sodium hydroxide	1310-73-2	<1%
Fragrance	Fragrance	Withheld	<1%

SECTION 4: FIRST AID INFORMATION

General Advice	If symptoms persist, call a physician. Do not breathe mist, vapors, or spray. Do not get in eyes, on skin, or on clothing.
Eye Contact	Contact with eyes may cause irritation. Flush with plenty of water. If irritation persists, get medical attention.
Skin Contact	Can be irritating to skin, prolonged contact can be more severe, no adverse effects expected during normal usage. 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	Health injuries are not known or expected under normal use. May be harmful if swallowed, dependent on amount. DO NOT induce vomiting. If fully conscious, drink 16 ounces of water. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER give an unconscious person anything to ingest.

SECTION 5: FIRE FIGHTING INFORMATION

Suitable Extinguishing Media	Not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.
Hazardous Combustion Products	Carbon monoxide. Thermal decomposition can lead to irritating gases and vapors.
Fire Fighting Methods	No special precautions or procedures required.
Fire and Explosion Hazards	None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled	Avoid contact with skin and eyes.
Small Spill	No special clean-up procedure is necessary for small (less than 1 gallon) spills. Flush spill area with water. Wear rubber gloves.
Large Spill	Dam spill and absorb with earth, sand, or similar material. Place in non-leaking containers. Dispose of collected material according to local, state, and federal regulations. Flush residue with large amounts of water. Avoid direct discharge to sewers and surface waters.

SECTION 7: HANDLING AND STORAGE

Advice on Safe Handling	No special precautions required.
Technical Measures/Storage Conditions	Keep container tightly closed in a dry, well-ventilated area away from heat. DO NOT mix with other products as toxic fumes may result. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines

Respiratory Protection (Specify Type): None required with normal use.

Ventilation: *Local Exhaust:* None required with normal consumer use

Special: None

Mechanical (general): Normal/general dilution ventilation is acceptable

Other: Do not use in closed or confined spaces.

Eye Protection: None required with normal consumer use

Industrial Setting: Chemical goggles or other liquid/aerosol tight eye protection should be used if splash or exposure is possible. Do not wear contact lenses. Emergency responders should wear full eye and face protection.

Protective Gloves: None required with normal consumer use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used if handling of the material could result in incidental or prolonged contact. Emergency responders should wear impermeable gloves.

Other Protective Equipment: None required with normal consumer use. Emergency responders should wear chemical type (impermeable) protective clothing and footwear where direct contact with chemicals in this product is possible. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of product.

Work/Hygienic Practices: Wash thoroughly with soap and water after use or handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Appearance	Non-viscous, translucent liquid
Color	Colorless to pale yellow	Odor	Neutral base with fresh fragrance
Odor Threshold	No information available	pH	7-8
Specific gravity	No information available	Density	No information available
Viscosity, kinematic	No information available	Flash Point	> 201°F / >94°C
Method	No information available	Auto-ignition Temperature	No information available
Decomposition temperature	No information available	Boiling point/ Boiling Range	No information available

Melting point	No information available	Freezing Point	No information available
Water solubility	Soluble in water	Evaporation Rate	No information available
Vapor pressure	No information available	Vapor Density	No information available
VOC Content (%)	<1% (exempt fragrance oil)		
Flammability Limits in Air		Explosion Limits	
Upper Flammability Limit	No information available	Upper Explosion Limit	No information available
Lower Flammability Limit	No information available	Lower Explosion Limit	No information available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: None known

SECTION 11: TOXICOLOGICAL INFORMATION

CLR PRO® Commercial Probiotic Cleaner (All Fragrances) is anticipated to have a very low order of toxicity.

However, it may be irritating to the mucous membranes and the gastrointestinal tract, but is not expected to be corrosive.

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	No known effect.
Ingestion	May be harmful if swallowed.
Eye contact	Contact with eyes may cause irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	May be harmful if swallowed.
Skin corrosion/irritation	No known effect.
Serious eye damage/eye irritation	May cause irritation to eyes
Skin sensitization	No known effect.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.

Carcinogenicity No known effect.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene glycol	20,000 mg/kg (rat)	20,800 mg/kg (rabbit)	>317,042 mg/m ³ (rabbit)
D-Glucopyranose, oligomeric, C ₁₀₋₁₆ -alkyl glycosides	>5000 mg/kg (rat)		

SECTION 12: ECOLOGICAL INFORMATION

Based on ecotoxicity and environmental fate data for the individual ingredients in this product, and for related household cleaning product formulations, it is expected that these mixtures would exhibit a non-hazardous order of toxicity at relevant environmental concentrations. The environmental impact of this product has not been fully investigated:

The following is estimated information for the product.

<u>PRODUCT / INGREDIENT</u>	<u>LC50 / ED50 (mg/L)</u>	<u>TOXICITY RATING</u>
VERTEBRATES		
CLR PRO® Commercial Probiotic Cleaner (All Fragrances)	96h LC50: > 100 mg/l (Fish)	Practically Non-hazardous
INVERTEBRATES		
CLR PRO® Commercial Probiotic Cleaner (All Fragrances)	48h EC50: > 100 mg/l (<i>Daphnia magna</i>)	Practically Non-hazardous

Environmental Fate: No environmental fate data exists for the product. Based on environmental information for the major components, the product is anticipated to be readily biodegradable at the expected release concentration.

Persistence and Degradability: The persistence and degradability of this product has not been determined. Based on environmental information for the major components, the product is anticipated to be biodegradable at the expected release concentration.

Bioaccumulation: The bioaccumulation potential of this product has not been determined. Based on environmental information for the major components, the product is anticipated to be biodegradable at the expected release concentration.

Mobility: The mobility of this product (in soil and water) has not been determined, but potential for mobility in soil is high, based on one of the major components.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: This product in its original form is not considered a hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with all Federal, state/provincial, and local regulations.

Rinse empty containers and recycle. Follow label warnings since containers may retain some residue of the product. 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.

SECTION 14: TRANSPORT INFORMATION

GROUND TRANSPORT

DOT Proper Shipping Name: Not regulated
 applicable DOT Hazard Class: Not applicable

UN/NA Number: Not
 Packing Group: Not applicable

AIR TRANSPORT (ICAO/IATA)

ICAO/IATA Hazard Class: Not regulated
 ICAO/IATA Proper Shipping Name: Not regulated

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Hazard Class: Not regulated
 IMDG/IMO Proper Shipping Name: Not regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

TSCA Complies
 DSL Complies

TSCA – United States Toxic Control Substances Act Section 8(b) Inventory
 DSL/NDL – Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals, which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pursuant to releases of this material.

U.S. State Regulations

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)

U.S. State Right-to-Know Regulations

No disclosures necessary

Canada

No disclosures necessary

SECTION 16: OTHER INFORMATION

Disclaimer: This SDS has been prepared to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained herein has been compiled from readily available sources considered by Jelmar LLC to be dependable and accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

Jelmar, LLC

Hazard Rating: Health: 0
Flammability: 0
Reactivity: 0

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = NOT SIGNIFICANT

Data supplied is for use only in connection with occupational safety and health.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Jelmar, LLC assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of this product.