SAFETY DATA SHEET

issue Date: February 12, 2021
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


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.

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Composition Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Water</td>
<td>7732-18-5</td>
<td>90-99%</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>1-10%</td>
</tr>
<tr>
<td>Bacterial Ferment</td>
<td>B. subtilisin ferment</td>
<td>Withheld</td>
<td>1-5%</td>
</tr>
<tr>
<td>C8-10 alkyl polyglucoside</td>
<td>D-Glucopyranose, oligomeric, decyl octyl glycosides</td>
<td>68515-73-1</td>
<td>1-5%</td>
</tr>
<tr>
<td>Sodium xylene sulfonate</td>
<td>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>1-5%</td>
</tr>
<tr>
<td>Sodium polyitaconate</td>
<td>Butanedioic acid, 2-methylene, homopolymer, sodium salt</td>
<td>1052620-22-0</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Methylisothiazolinone</td>
<td>Methylisothiazolinone</td>
<td>2682-20-4</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>
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
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 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

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colorless to pale yellow</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No information available</td>
</tr>
<tr>
<td>Method</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No information available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>&lt;1% (exempt fragrance oil)</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available</td>
</tr>
<tr>
<td>EXPLOSION LIMITS</td>
<td></td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>20,000 mg/kg (rat)</td>
<td>20,800 mg/kg (rabbit)</td>
<td>&gt;317,042 mg/m³ (rabbit)</td>
</tr>
<tr>
<td>D-Glucopyranose, oligomeric, C₁₀₋₁₆-alkyl glycosides</td>
<td>&gt;5000 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

**PRODUCT / INGREDIENT**

<table>
<thead>
<tr>
<th>LC50 / ED50 (mg/L)</th>
<th>TOXICITY RATING</th>
</tr>
</thead>
</table>
| 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 (Daphnia magna) | 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
DOT Hazard Class: Not applicable
UN/NA Number: Not applicable
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/NDSL – 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
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**

<table>
<thead>
<tr>
<th>Hazard Rating</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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.