



SAFETY DATA SHEET

Issue Date: February 12, 2022
Revision Date: N/A

SECTION 1: PRODUCT IDENTIFICATION

Identity: **CLR PRO® Multi-Purpose 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)

Acute Toxicity (oral) Category 5, H303
Acute Skin Irritation (Category 2), H315
Acute Eye Irritation (Category 2A), H318

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):



Signal Word (GHS-US): Warning

Hazard Statements (GHS-US):

H303 – May be harmful if swallowed
H315 – Causes skin irritation
H318 – Causes serious eye irritation

Precautionary Statements (GHS-US):

P310, P312 – Call a Poison Center or doctor if you feel unwell.
P321 – Specific treatment (see Section 4 below)
P362 – Take off contaminated clothing.
P302+P352 – IF ON SKIN: wash with plenty of water.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P332+P313 – IF SKIN irritation occurs: Get medical advice/attention.

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%
Glycol ether DPnB	Dipropylene glycol n-butyl ether	29911-28-2	5-10%
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%
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	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. 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. In case of skin contact, rinse area for at least 15 minutes. Remove contaminated clothing and shoes, wash thoroughly before reuses. 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	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	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. Run-off of large quantities or product from fire control may cause pollution. Contact appropriate agencies.
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 Use personal protection recommended in Section 8. Isolate area and deny entry to unnecessary and unprotected personnel. 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 Avoid contact with skin, eyes, and clothing. Use with adequate ventilation. Avoid breathing vapors or mist. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use. Wear personal protective equipment. Remove and wash contaminated clothing before re-use.

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 normal 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 liquid
Color	Colorless to pale yellow	Odor	Neutral base with fresh fragrance
Odor Threshold	No information available	pH	10-11
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: Thermal decomposition can lead to release of irritating gases, vapors, and carbon oxides. In the event of fire, see Section 5.

Possibility of Hazardous Reactions: None known

SECTION 11: TOXICOLOGICAL INFORMATION

CLR® Multi-Purpose 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	May be harmful in contact with skin.
Ingestion	May be harmful if swallowed.
Eye contact	Irritating to eyes.

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	Slightly irritating to skin
Serious eye damage/eye irritation	Irritating 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
D-Glucopyranose, oligomeric, C ₁₀ -16-alkyl glycosides	>5000 mg/kg (oral, rat)		
Dipropylene glycol n-butyl ether	LD ₅₀ = 3,700 mg/kg (rat)	LD ₅₀ > 2,000 mg/kg (rat)	LC ₅₀ > 2.04 mg/l/4 hr (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® Multi-Purpose Cleaner (All Fragrances)	96h LC50: > 100 mg/l (Fish)	Practically Non-hazardous

INVERTEBRATES

CLR PRO® Multi-Purpose Cleaner (All Fragrances) 48h EC50: > 100 mg/l Practically Non-hazardous
 (*Daphnia magna*)

Environmental Fate: No environmental fate data exists for the product. Based on environmental information for the major components, the product is anticipated to be 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 UN/NA Number: Not applicable
 DOT Hazard Class: 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

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: 1
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.