



SAFETY DATA SHEET

1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: CLR BRANDS™ - Granite Marble & Stone Natural Stone Cleaner
Product Use: Cleaner
Retail Package: 12 oz.
Restrictions on Use: Incompatible with strong oxidizing agents.
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

Aerosols, Category 3
Skin Irritation, Category 2
Eye Irritation, Category 2A
Skin Sensitization, Category 1B

LABEL ELEMENTS



Signal Word Warning
Hazard statements Pressurized container: may burst if heated.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.

Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not pierce or burn, even after use.
DO NOT get in eyes, on skin or clothing.
Wear eye protection/face protection.
Wear protective gloves.
Wash skin thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Take off contaminated clothing and wash it before reuse.
Avoid breathing gas/mist/spray.



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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.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Keep out of reach of children.
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).
Dispose of contents/container in accordance with local, regional and national regulations.

Hazard(s) not otherwise classified (HNOC): None

Unknown Acute Toxicity: Not applicable

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. Butane	106-97-8	YES	3.0 – 7.0
2. Propane	74-98-6	YES	1.0 – 5.0
3. Sodium Xylene Sulfonate	1300-72-7	YES	0.5 – 1.5
4. Sodium Lauroyl Sarcosinate	137-16-6	YES	0.1 – 1.0
5. Sodium Metasilicate	6834-92-0	YES	0.1 – 1.0
6. Secondary Alcohol Ethoxylate	84133-50-6	YES	0.1 – 1.0
7. Sodium Nitrite	7632-00-0	YES	0.1 – 1.0
8. Fragrance	N/A	YES	0.1 – 1.0

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 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, immediately rinse thoroughly with water for at least 15 minutes. Remove contaminated clothing and shoes, wash thoroughly before reuse. If skin irritation or rash occurs: Get medical advice/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. Rinse mouth. Call POISON CENTER or doctor immediately. Do not give anything by mouth to an unconscious person.



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MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE AND DELAYED: May cause skin irritation and serious eye irritation. May produce an allergic skin reaction in persons already sensitized. 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 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: Extinguish with carbon dioxide, dry chemical, foam or water spray.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire and Explosion Hazards: Pressurized container: May burst if heated.

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. Run-off of large quantities of product from fire control may cause pollution. Contact appropriate agencies.

SECTION 6 – ACCIDENTAL RELEASES MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: Eliminate sources of ignition. Wear protective gloves/protective clothing/eye protection/face protection (see Section 8). Avoid contact with skin and eyes. Ensure adequate ventilation. Avoid breathing gas/mist/spray. Isolate area and deny entry to unnecessary and unprotected personnel.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Small Spill: No special clean-up procedure is necessary for small 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: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Use appropriate personal protective equipment (see Section 8). Use with adequate ventilation. Avoid breathing gas/mist/spray. Observe good industrial hygiene practices when handling this material. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use. Avoid exposure to excess heat. Keep out of reach of children.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Store in cool, well-ventilated area, away from heat. Protect from sunlight. Do not expose to temperatures exceeding 122 °F/50 °C. This product should be stored away from sources of strong heat or strong oxidizing chemicals. Store in original container. Store in a secure area away from children and pets.



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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

<u>Component</u>	<u>OSHA</u>	<u>ACGIH</u>
	<u>PEL</u>	<u>TWA</u> <u>STEL/C</u>
Butane	800 ppm/1,900 mg/m ³	N.E. 250 ppm N.E.
Propane	1,000 ppm/1,800 mg/m ³	N.E. Aspyx.# N.E.

Assure minimum oxygen content of work atmosphere.

Recommended monitoring method: NIOSH 1500 (hydrocarbons, B.P. 36 – 216 °C)

APPROPRIATE ENGINEERING CONTROLS: Use with adequate ventilation. Do not use in closed or confined spaces. Avoid prolonged breathing of gas/mist/spray 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: None required during normal household use. Wear safety glasses/goggles if potential for splashing exists. Industrial users wear safety goggles. Do not wear contact lenses. Emergency responders should wear full eye and face protection.

SKIN PROTECTION: 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. Wear gloves with insulation for thermal protection, when needed.

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

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol spray
Color:	Clear
Odor/odor threshold:	Citrus-like
Melting point/freezing point:	Not available
Boiling point (or initial boiling point or boiling range):	Not available



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Flammability:	Product is not classified as flammable, but will burn on contact with flame or exposure to high temperatures
Lower and upper explosion limit/flammability limit:	2.1% - 9.5% v/v (Propane)
Flash point:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
pH:	Not available
Kinematic viscosity:	< 20.5 cSt @ 40°C
Solubility:	Not available
Partition coefficient n-octanol/water:	Not available
Vapor pressure/evaporation rate (Pascal):	ca. 95×10^4 (Propane)
Density and/or relative density:	Not available
Relative vapor density:	ca. 1.56 @ 0°C (Propane)
Particle characteristics:	Not available

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: Avoid contact with heat and ignition sources.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

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: Irritant: Avoid prolonged skin contact. Effects may vary depending on length of exposure.

Inhalation: No adverse effects expected under typical use conditions.

Ingestion: No adverse effects expected under typical use conditions.

Symptoms: May cause skin irritation and serious eye irritation. May produce an allergic skin reaction in persons already sensitized. 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 redness, discomfort and itching.

Information on Toxicological Effects:

Numerical Measures of Toxicity:



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Constituent	Oral LD50	Dermal LD50	Inhalation LC50
Butane	Not applicable	Not applicable	>800,000 ppm (rat, 10-15 min, gas)
Propane	Not applicable	Not applicable	1,237 mg/L (mouse, 2h, gas)
Sodium Xylene Sulfonate	≥ 3,346 mg/kg (rat)	> 2,000 mg/kg (rabbit)	> 6.41 mg/L (rat, 3.8h)
Sodium Lauroyl Sarcosinate	> 5,000 mg/kg (rat)	No data	>0.05 - <0.5 mg/L (rat, 4h, aerosol)
Sodium Metasilicate	1,152 – 1,349 mg/kg (rat)	> 5,000 mg/kg (rat)	>2.06 mg/L (rat, 4h)
Secondary Alcohol Ethoxylate	2,100 mg/kg (rat)	No data	No data
Sodium Nitrite	180mg/kg (rat)	No data	No data
Product Acute Toxicity Estimate	>5,000 mg/kg	>5,000 mg/kg	Not assessed

DELAYED AND IMMEDIATE EFFECTS AND CHRONIC EFFECTS FROM SHORT-TERM AND LONG-TERM EXPOSURE:

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

Skin Irritation: Causes skin irritation (GHS Category 2).

Skin Sensitization: May cause an allergic skin reaction.

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
Butane	No data available	No data available
Propane	No data available	No data available
Sodium Xylene Sulfonate	Fish (<i>Oncorhynchus mykiss</i>)	96h LC50: > 1,000 mg/L
	Crustacea (<i>Daphnia magna</i>)	48h EC50: > 1,000 mg/L
	Algae (<i>Raphidocelis subcapitata</i>)	96h EC50: ≥ 230 mg/L (cell number)
	Microorganisms (Activated Sludge)	3h EC10: ≥ 1,000 mg/L



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Constituent	Organism and Species	Results
Sodium Lauroyl Sarcosinate	Fish (<i>Danio rerio</i>)	96h LC50: 32.1 mg/L
	Crustacea (<i>Daphnia magna</i>)	48h EC50: 8.91 mg/L
	Algae (<i>Desmodesmus subspicatus</i>)	72h EC50: 79 mg/L (growth rate)
	Microorganisms (Activated Sludge)	3h EC50 > 1,000 mg/L
Sodium Metasilicate	Fish (<i>Brachydanio rerio</i>)	96h LC50: 210 mg/L
	Crustacea (<i>Daphnia magna</i>)	48h EC50: 1,700 mg/L (similar substance)
	Algae (<i>Scenedesmus subspicatus</i>)	72h EC50: > 345.4 mg/L (growth rate)
	Microorganisms (Activated Sludge)	3h EC50: > 1,000 mg/L
Secondary Alcohol Ethoxylate	Fish (<i>Pimephales promelas</i>)	96h LC50: 3.2 mg/L
	Crustacea (<i>Daphnia magna</i>)	48h EC50: 3.2 mg/L
Sodium Nitrite	Fish (<i>Oncorhynchus mykiss</i>)	96h LC50: 0.54 – 26.3 mg/L

Persistence / Degradability:

Constituent	Results
Butane	Not applicable
Propane	Not applicable
Sodium Xylene Sulfonate	Readily biodegradable: 98% (OECD 301B)
Sodium Lauroyl Sarcosinate	Readily biodegradable: 82% (ISO 14593)
Sodium Metasilicate	N.A.; inorganic
Secondary Alcohol Ethoxylate	Readily biodegradable: >60%
Sodium Nitrite	N.A.; inorganic

Bioaccumulative Potential:

Constituent	Log Pow	Bioconcentration Factor (BCF)
Butane	2.2 – 2.7	No data
Propane	2.2 – 2.7	No data
Sodium Xylene Sulfonate	0.07 @ 20°C	3.162 L/kg weight/weight
Sodium Lauroyl Sarcosinate	0.37	No data
Sodium Metasilicate	N.A.	Not expected to bioaccumulate
Secondary Alcohol Ethoxylate	No data	
Sodium Nitrite	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: Dispose of unused product in a permitted hazardous waste management facility 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



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methods in compliance with applicable regulations. State and local disposal regulations may differ from federal disposal regulations.

SECTION 14 – TRANSPORTATION INFORMATION

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

Hazard Class/Label: 2.2

Packaging Group: N.A.

UN Number: 1950

Proper Shipping Name: Aerosols, non-flammable

IMDG (Marine Transport):

Hazard Class/Label: 2.2

Packaging Group: N.A.

UN Number: 1950

Proper Shipping Name: Aerosols, non-flammable

Marine Pollutant: No

IATA (Air Transport):

Hazard Class/Label: 2.2

Packaging Group: N.A.

UN Number: 1950

Proper Shipping Name: Aerosols, non-flammable

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:	YES
REACTIVE HAZARD:	NO

SARA SECTIONS 302/304/313/HAP: NO

The following statement is made in order to comply with the California State Drinking Water Act. California Proposition 65: This product is not known to contain any chemicals known to the State of California to cause cancer and/or to cause birth defects and other reproductive harm.

SECTION 16 – OTHER INFORMATION

Date of Revision: 25-November-2024

The following sections contain revisions or new statements: 1 – 16.



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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
	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
	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

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