



PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

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### 1 - PRODUCT AND COMPANY IDENTIFICATION

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<b>Product Name</b>	<b>CLR PRO MAX™ Industrial Degreaser</b>
<b>Restrictions on Use</b>	Incompatible with strong oxidizing agents, acid, bases, halogens and bleach. For Commercial and Industrial Use Only.
<b>Product Use</b>	Aqueous Industrial Strength Degreaser Cleaner for Removal of Oil, Grease and Tar on Cement, Terrazzo, Stone Floors, Blacktop, Sidewalks, Motors, Garage Floors, Barbeque Grills, Pool Decks Commercial Packages: (32 fl. Oz., 1, 5, 55, 275 gallons)
<b>Manufacturer:</b>	<b>Jelmar, LLC</b>
<b>Address:</b>	5550 W. Touhy Ave. Skokie, IL 60077 USA 1(847) 675-8400
<b>Emergency Phone Number:</b>	1(800) 323-5497 (USA) 8:30 A.M. – 4:30 P.M. CST Monday – Friday
<b>Emergency 24-hour Contact:</b>	Chemtrec 1(800) 424-9300

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### 2 – HAZARDS IDENTIFICATION

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#### CLASSIFICATION (according to 29 CFR 1900.1200)

Skin Irritation, Category 2  
Eye Irritation, Category 2A

#### LABEL ELEMENTS



<b>Signal Word</b>	Warning
<b>Hazard statements</b>	Causes skin irritation. Causes serious eye irritation.

#### Precautionary statement(s)

Wear eye protection/face protection.  
Wear protective gloves.  
Wash skin thoroughly after handling.  
Take off contaminated clothing and wash it before reuse.  
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.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.



PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

Call a POISON CENTER or doctor/physician if you feel unwell.  
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

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<u>Component</u>	<u>CAS#</u>	<u>OSHA HAZARD</u>	<u>% by Weight</u>
Alkyl Ethoxylate Nonionic Surfactant proprietary blend	Trade Secret	YES	5 – 10
Sodium xylene sulfonate	1300-72-7	YES	1 – 5
Sodium metasilicate	6834-92-0	YES	0.5 – 1.5

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

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### SECTION 4 – FIRST AID MEASURES

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#### FIRST AID MEASURES

**EYE CONTACT:** 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.

**SKIN CONTACT:** If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**INHALATION:** Not a significant route of exposure. Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, get medical attention immediately.

**INGESTION:** Not a significant route of exposure. Do NOT induce vomiting. If fully conscious, drink 16 ounces of water. Immediately call a poison center/doctor. NEVER give an unconscious person anything to ingest.

**MOST IMPORTANT SYMPTOMS AND EFFECTS:** May cause skin irritation and serious eye irritation. Effects may vary depending on length of exposure, solution concentration. Symptoms may include stinging, redness, tearing, and blurred vision of the eyes. Prolonged skin contact may cause dermatitis and itching. Accidental ingestion may result in vomiting and gastrointestinal disturbance.

**NOTES TO PHYSICIAN:** Provide general supportive measures and treat symptomatically. Provide SDS to physician. Symptoms may be delayed.

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### SECTION 5 – FIRE FIGHTING MEASURES

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**SUITABLE EXTINGUISHING MEDIA:** Not flammable. Use appropriate media for area. Use water spray, dry chemical, alcohol-resistant foam or carbon dioxide.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet, as this will spread the fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides. Thermal decomposition can lead to irritating gases and vapors.



PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

**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. Contaminated extinguishing water must be disposed of in accordance with local, state and federal regulations.

**FIRE AND EXPLOSION HAZARDS:** None known.

### SECTION 6 – ACCIDENTAL RELEASES MEASURES

**PERSONAL PRECAUTIONS:** 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 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, sawdust or similar material. Place in non-leaking containers. Flush residue with large amount of water. Area may be slippery. Do not transfer to metal containers. Avoid direct discharge to sewers and surface waters. Dispose of collected material in accordance with local, state, and federal regulations.

**ENVIRONMENTAL PRECAUTIONS:** Do not discharge into drains/surface waters/groundwater.

### SECTION 7- HANDLING AND STORAGE

**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.

**STORAGE:** Store in dry, cool, well-ventilated area, away from heat. Keep containers tightly closed. Avoid contact with strong oxidizing agents, bleach, acids, bases, and halogens. Do not store in metal vessels. Store in original containers in a secure area away from children and pets.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES:

##### COMPONENT

	<u>OSHA</u>	<u>ACGIH</u>		
	<u>PEL</u>	<u>STEL/C</u>	<u>TWA</u>	<u>STEL/C</u>
Alkyl Ethoxylate Nonionic Surfactant proprietary blend	N.E.	N.E.	N.E.	N.E.
Sodium xylene sulfonate	N.E.	N.E.	N.E.	N.E.
Sodium metasilicate	N.E.	N.E.	N.E.	N.E.
Sodium hydroxide	2 mg/m <sup>3</sup>	N.E.	N.E.	2 mg/m <sup>3</sup>

**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 exposure limits have not been established, maintain airborne levels to an acceptable level.



PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

**RESPIRATORY PROTECTION:** 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:** 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.

**SKIN PROTECTION:** 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 thoroughly with soap and water after use or handling. Routinely wash work clothing and protective equipment to remove contaminants. Use good industrial hygiene practices when handling this material. Do not eat, drink, or smoke in work area.

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b> Clear liquid		<b>Flammability:</b>	Not Flammable
<b>Odor:</b> None		<b>Upper/Lower Flammability</b>	N.A.
<b>Odor Threshold:</b>	N.D.	<b>Vapor Pressure:</b>	N.D.
<b>pH: @20°C</b>	13.4	<b>Vapor Density (mm Hg):</b>	N.D.
<b>Melting Point:</b>	N.D.	<b>Relative Density @20°C:</b>	N.D.
<b>Freezing Point:</b>	N.D.	<b>Solubility in water:</b>	Soluble
<b>Boiling Point:</b>	N.D.	<b>Partition Coefficient;</b>	
<b>Boiling Point Range:</b>	N.A.	<b>n-octanol/water</b>	N.D.
<b>Flash Point:</b>	N.D.	<b>Auto Ignition Temperature:</b>	N.A.
<b>Evaporation Rate:</b>	N.D.	<b>Decomposition Temperature:</b>	N.A.
		<b>Viscosity:</b>	N.D.

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### SECTION 10 – STABILITY AND REACTIVITY

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

**CHEMICAL STABILITY:** This product is stable under normal storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None known.

**CONDITIONS TO AVOID:** Avoid elevated temperatures. **DO NOT MIX WITH OTHER HOUSEHOLD CLEANERS OR CHEMICALS, INCLUDING BLEACH, AS TOXIC FUMES MAY RESULT.**

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, bleach, acids, bases, halogens.

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



PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

### SECTION 11 – TOXICOLOGICAL INFORMATION

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

**Eyes** Irritant: avoid eye contact. Effects may vary depending on length of exposure, solution concentration.

**Skin** Irritant: avoid skin contact. Effects may vary depending on length of exposure, solution concentration.

**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. Effects may vary depending on length of exposure, solution concentration. Symptoms may include stinging, redness, tearing, and blurred vision of the eyes. Prolonged skin contact may cause dermatitis and itching. Accidental ingestion may result in vomiting and gastrointestinal disturbance.

#### Information on Toxicological Effects

##### Numerical Measures of Toxicity

Constituent	Oral LD50	Dermal LD50	Inhalation LC50
Alkyl Ethoxylate Nonionic Surfactant proprietary blend	> 2,500 mg/kg (rat)	> 1,000 mg/kg (rabbit)	No data
Sodium xylene sulfonate	≥ 3,346 mg/kg (rat)	> 2,000 mg/kg (rabbit)	> 6.41 mg/L (rat, 3.8h)
Sodium metasilicate	1,152 – 1,349 mg/kg (rat)	> 5,000 mg/kg (rat)	>2.06 mg/L (rat, 4h)
<b>Product Acute Toxicity Estimate</b>	<b>&gt;5,000 mg/kg</b>	<b>&gt;5,000 mg/kg</b>	<b>Not assessed</b>

**Eye Irritation:** Eye irritant. Effects may vary depending on length of exposure, solution concentration.

**Skin Irritation:** Skin irritant. Effects may vary depending on length of exposure, solution concentration.

**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 concentrations ≥0.1% 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 Organ Toxicity – Repeated Dose:** Product is not classified based on available data.

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



PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

### SECTION 12- ECOLOGICAL INFORMATION

#### Ecotoxicity:

Constituent	Organism and Species	Results
Alkyl Ethoxylate Nonionic Surfactant proprietary blend	Fish ( <i>Pimephales promelas</i> )	96h LC50: 9.4 mg/L
	Crustacea ( <i>Daphnia magna</i> )	48h EC50: 14.4 mg/L
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
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

#### Persistence / Degradability:

Constituent	Results
Alkyl Ethoxylate Nonionic Surfactant proprietary blend	Readily biodegradable: 98% (OECD 301E)
Sodium xylene sulfonate	Readily biodegradable: 98% (OECD 301B)
Sodium metasilicate	N.A.; inorganic

#### Bioaccumulative Potential:

Constituent	Log Pow	Bioconcentration Factor (BCF)
Alkyl Ethoxylate Nonionic Surfactant proprietary blend	No data	No data
Sodium xylene sulfonate	0.07 @ 20°C	3.162 L/kg weight/weight
Sodium metasilicate	N.A.	Not expected to bioaccumulate

#### Mobility in soil:

No information available.

#### PBT and vPvB assessment:

The constituents contained in this product are not considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

#### Other Adverse Effects:

No information available.





PROFESSIONAL CLEANING PRODUCTS

## SAFETY DATA SHEET

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### SECTION 13 – DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD: Rinse empty containers and recycle.** Dispose of unused product in a permitted hazardous waste management facility following all local, state, and federal regulations. 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.

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### SECTION 14 - TRANSPORTATION INFORMATION

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**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.

**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.

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### SECTION 15 – REGULATORY INFORMATION

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#### 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



## SAFETY DATA SHEET

**SARA SECTIONS 302/304/313/HAP:** NO

**STATES RIGHT TO KNOW:**

Massachusetts: Sodium hydroxide (CAS# 1310-73-2)

New Jersey: Sodium hydroxide (CAS# 1310-73-2); substituted pyrrolidone (trade secret)

Pennsylvania: Sodium hydroxide (CAS# 1310-73-2); substituted pyrrolidone (trade secret)

The following statement is made in order to comply with the California State Drinking Water Act. California Proposition 65: Based on an evaluation of the product's composition and the use(s), this product does not require a California Proposition 65 Warning.

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### SECTION 16 – OTHER INFORMATION

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**Date of Issue:** 31-August-2023

**Date of Revision:** N.A.

**Total VOC (wt. %):** 0% - does not include any CARB applicable exemptions (Volatile Organic Compounds)/California Air Resources Board

**Food Facility Categories:** Per federal guidelines as detailed in FDA 21 CFR:

(A1) General Purpose Cleaners

(A4) Floor & Wall Degreasers

(A8) Degreasers/Carbon Removers

<b>SDS ABBREVIATIONS:</b>	ACGIH:	American Conference of Governmental Industrial Hygienists
	C:	Ceiling Limit
	EC50:	Effective Concentration to 50% of a test population
	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
	OSHA:	Occupational Safety and Health Administration
	PEL:	Permissible Exposure Limits
	STEL:	Short-Term Exposure Limit
	TSCA:	Toxic Substances Control Act
	TWA:	Time-Weighted Average
	UN:	United Nations

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## **SAFETY DATA SHEET**

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