



SAFETY DATA SHEET

1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name CLR PRO MAX™ INDUSTRIAL DEGREASER

Restrictions on Use Incompatible with strong oxidizing agents, acid, bases, halogens and bleach. For Commercial and Industrial Use Only.

Product Use 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)

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

CLASSIFICATION (according to 29 CFR 1900.1200)

| | | |
|----------------------------|--|--|
| GHS Classification: | Product AT 1:1 DILUTION Skin Irritation, Category 2 Eye Irritation, Category 2A | Product AS SOLD Skin Irritation, Category 2 Eye Irritation, Category 2A |
|----------------------------|--|--|

LABEL ELEMENTS

| | | |
|---------------------------|---|---|
| Symbol: | Product AT 1:1 DILUTION  | Product AS SOLD  |
| Signal Word: | Warning | Warning |
| Hazard statements: | Causes skin irritation. Causes serious eye irritation. | Causes skin irritation. Causes serious eye irritation. |



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| | | |
|---|---|---|
| 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. Call a POISON CENTER or doctor/physician if you feel unwell. Keep out of reach of children. | 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. 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. | DO NOT mix with other household cleaners or chemicals including bleach, as toxic fumes may result. |

Unknown Acute Toxicity: Not applicable

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Mixture

HAZARDOUS COMPONENTS:

Product AS SOLD

| <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 |

Product AT 1:1 DILUTION

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

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

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.

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: 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.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Hazardous Combustion: Carbon oxides. Thermal decomposition can lead to irritating gases and vapors.

Fire and Explosion Hazards: None known.

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

SECTION 6 – ACCIDENTAL RELEASES MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: 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 AND MATERIALS FOR CONTAINMENT AND CLEANING 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.



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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

PRECAUTIONS FOR SAFE 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.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: 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

OSHA

PEL

STEL/C

ACGIH

TWA

STEL/C

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/m³

N.E.

N.E.

2 mg/m³

APPROPRIATE 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.

PERSONAL PROTECTIVE EQUIPMENT

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



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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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10 – STABILITY AND REACTIVITY

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.

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



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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) |
| 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: 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 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 |
|--|---|---------------------------------------|
| 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 |



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| Constituent | Organism and Species | Results |
|---------------------|--|--|
| 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.

SECTION 13 – DISPOSAL CONSIDERATIONS

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. 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.

CONTAMINATED PACKAGING: Follow label warnings, since containers may retain some residue of the product.



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SECTION 14 - TRANSPORTATION INFORMATION

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.

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 TITTLE 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

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

Date of Revision: 20-August-2024

Minor editorial and formatting changes.

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

| | | |
|---------------------------|--------|---|
| SDS ABBREVIATIONS: | 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 |

Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, JELMAR offers no representations as to the completeness or accuracy thereof. Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will JELMAR be responsible for damages of any nature whatsoever resulting from use of or reliance upon said information.

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