



## SAFETY DATA SHEET

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### 1 - PRODUCT AND COMPANY IDENTIFICATION

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SDS ID: 79D1213

**Product Name** CLR METAL CLEAR

**Product Use** Liquid viscous alkaline cleaner that is a mild abrasive, versatile multipurpose cleaner for chrome, porcelain, stainless steel, aluminum, granite, enamel, laminate counter tops, and Corian.

Retail Package: [12 fl. oz. (354.8 ml)]

**CAS#** Proprietary Mixture

**Restrictions on Use:** Incompatible with strong oxidizing agents, acids, bases, and bleach.

**Manufacturer:** Jelmar, LLC  
**Address:** 5550 W. Touhy Ave.  
Skokie, IL 60077

**Emergency Phone Number:** 1(800) 323-5497 (USA)  
Monday – Friday 8:30 A.M. – 4:30 P.M. CST  
**Emergency 24 hour Contact:** Chemtrec 1(800) 424-9300

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### 2 – HAZARDS IDENTIFICATION

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**Emergency Overview: WARNING:** IRRITANT. Causes eye irritation. Possible SKIN IRRITANT on sensitive skin. DO NOT get in eyes, on skin or clothing. DO NOT mix with bleach or other household chemicals as harmful fumes may result. DO NOT ingest. DO NOT breathe vapor or mist. Use in well ventilated areas. Keep container closed when not in use.

**KEEP OUT OF REACH OF CHILDREN**

#### Potential Short Term Health Effects

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

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

**Skin** Prolonged contact may cause dermatitis, and itching.

**Inhalation** No adverse effects expected under typical use conditions.

**Ingestion** Oral burns, vomiting, and gastrointestinal disturbance.

**Target organs** Eyes. Skin.



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### SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

<b>Component</b>	<b>CAS#</b>	<b>OSHA HAZARD</b>	<b>% by Weight</b>
Anhydrous Aluminum Silicate	66402-68-4	YES	8-10
Sodium Silicate	1344-09-8	YES	1-2
Disodium Cocoamphodipropionate	68604-71-7	YES	1-2
Methanol	67-56-1	YES	<0.23

### SECTION 4 – FIRST AID MEASURES

**EYE CONTACT:** In case of eye contact, immediately rinse eye thoroughly with plenty of water. Remove contact lenses, and continue rinsing for at least 15 minutes. If irritation persists, get medical attention.

**SKIN CONTACT:** Can be irritating to skin, prolonged contact can be more severe, no adverse effects during normal usage. In case of skin contact, rinse area for at least 15 minutes. Remove contaminated clothing and shoes, wash thoroughly before reuse. 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 A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER give an unconscious person anything to ingest.

### SECTION 5 – FIRE FIGHTING MEASURES

**FLAMMABILITY:** Not flammable

**FLASH POINT:** >100°C/212°F; Method: TOC

**EXPLOSIVE LIMITS IN AIR:** Not available

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

**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 of product from fire control may cause pollution. Contact appropriate agencies.

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

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

### SECTION 6 – ACCIDENTAL RELEASES 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 amount of water. Avoid direct discharge to sewers and surface waters.

### SECTION 7- HANDLING AND STORAGE

**STORAGE:** Store in cool, well-ventilated area, away from heat. Keep containers tightly closed. Avoid contact with combustible materials, wood, and organic materials. Store in original container in a secure area away from children and pets.

**HANDLING:** Avoid contact with eyes, skin or clothing. May be harmful or if swallowed. Use with adequate ventilation. Avoid breathing vapors or mist. Do not eat, drink, or smoke in work area. Wash hand thoroughly after use. DO NOT PRESSURIZE, CUT OR EXPOSE THESE CONTAINERS TO HEAT, FLAME,



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SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY.

**DO NOT MIX WITH BLEACH, OR ANY OTHER PRODUCTS AS TOXIC FUMES MAY RESULT. KEEP OUT OF REACH OF CHILDREN.**

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION REQUIREMENT:** General room ventilation is required. Avoid prolonged breathing mists or dusts of this product. Use with adequate ventilation. Do not use in closed or confined spaces. Do not allow product to dry while using.

**RESPIRATORY PROTECTION:** Not required during normal household usage. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of product.

**EYE PROTECTION:** Not required during normal household usage. 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.

**WORK/HYGIENIC PRACTICES:** Wash thoroughly with soap and water after use or handling.

### EXPOSURE GUIDELINES:

<u>COMPONENT</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACCIH TLV</u>
Calcined Kaolin	1332-58-7	15mg/ cu.m. Total 5mg/ cu.m. Resp.	2mg/ cu.m. Respirable
Crystalline Silica, Quartz	14808-60-7	0.10 mg/m <sup>3</sup> Resp.	0.05 mg/m <sup>3</sup> Resp.
Silicic Acid; Sodium Salt	1344-09-8	N. E.	N.E.
Sodium Silicate			
Disodium	68604-71-7	N.E.	N. E.
Cocoamphodipropionate			
Methanol		200ppm	250ppm
Skin (s)		(s) 200ppm	(s) 250ppm

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Viscous blue opaque liquid	<b>Odor:</b> Floral
<b>Boiling point:</b> 100° C / 212° F	<b>Specific Gravity:</b> 1.20-1.30@25°C
<b>Vapor Pressure:</b> N.D.	<b>Percent Volatiles:</b> ~67% (Calculated)
<b>Freezing Point:</b> N.D.	<b>Evaporation Rate:</b> N.D. (nBuAc=1)
<b>Melting Point:</b> N.D.	<b>VOC (Wt%):</b> <0.23 (Calculated)
<b>Vapor Density (mm Hg):</b> N.D.	<b>Solubility in Water:</b> ~75%
<b>pH:</b> 11.30-11.90@25°C	

### SECTION 10 – STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid elevated temperatures.

**INCOMPATIBLE MATERIALS:** Oxidizing agents and acids. Contact with acids will cause gelling and evolution of heat. In large quantities and on prolonged contact may react with metals like aluminum, tin, lead, and zinc to produce flammable hydrogen gas.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon oxides. Sodium Oxide. Hydrogen gas. Corrosive amines. Thermal decomposition can lead to release of irritating gases and vapors.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data.



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### SECTION 11 – TOXICOLOGICAL INFORMATION

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**LD<sub>50</sub> ACUTE EYE IRRITATION:** N.D.  
**LD<sub>50</sub> ACUTE DERMAL IRRITATION:** N.D.  
**LD<sub>50</sub> ACUTE ORAL TOXICITY:** N.D.  
**LD<sub>50</sub> ACUTE INHALATION TOXICITY:** N.D.

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### SECTION 12- ECOLOGICAL INFORMATION

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**ECOTOXICOLOGICAL INFORMATION:** No data available.  
**CHEMICAL FATE INFORMATION:** No data available.

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### SECTION 13 – DISPOSAL CONSIDERATIONS

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**HAZARDOUS WASTE NUMBER:** N.A.  
**DISPOSAL METHOD:** Dispose of in a permitted hazardous waste management facility following all local, state, and federal regulations. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. 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 Proper Shipping Name):** Not regulated by DOT.  
**Identification Number:** N.A.  
**Packaging Group:** N.A.  
**UN Number:** N.A.  
**TDG Classification:** Not Regulated  
**IMDG Classification:** Not Regulated  
**IATA Classification:** Passenger – Not Regulated  
**WHIMS (Canada):** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

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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 TITTLE III SECTION 311/312 CATEGORY:**

<b>IMMEDIATE (ACUTE) HEALTH HAZARD:</b>	YES
<b>DELAYED (CHRONIC) HEALTH HAZARD:</b>	NO
<b>FIRE HAZARD:</b>	NO
<b>SUDDEN RELEASE OF PRESSURE:</b>	NO
<b>REACTIVE HAZARD:</b>	NO

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

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### SECTION 15 – REGULATORY INFORMATION

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EUROPEAN UNION (EINECS)	YES
JAPAN (METI)	YES
AUSTRALIA (ACIS)	YES
KOREA (KECL)	YES
CANADA (DSL)	YES
CANADA (NDSL)	NO
PHILIPPINES	YES

**STATES RIGHT TO KNOW:** California, New Jersey, Pennsylvania, Minnesota, Massachusetts, and Wisconsin. None

The following statement is made in order to comply with the California State Drinking Water Act. California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer and/or to cause birth defects and other reproductive harm. None.

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### SECTION 16 – OTHER INFORMATION

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**NFPA Rating System:** Health-1 / Flammability-0 / Reactivity-0 / Special Hazard - None

**Precautions to be taken in Handling and Storing:** Avoid exposure to excess heat, and prevent from freezing.

**Other Precautions:** None required.

**MSDS ABBREVIATIONS:**

- N. A.: Not Applicable
- N. D.: Not Determined
- N.E.: Not Established
- C: Ceiling Limit
- HAP: Hazardous Air Pollutant
- VOC: Volatile Organic Compound

### INTERNATIONAL CHEMICAL INVENTORY STATUS:

EUROPEAN UNION (EINECS)	YES
JAPAN (METI)	YES
AUSTRALIA (ACIS)	YES
KOREA (KECL)	YES
CANADA (DSL)	YES
CANADA (NDSL)	NO
PHILIPPINES	YES

**STATES RIGHT TO KNOW:** California, New Jersey, Pennsylvania, Minnesota, Massachusetts, and Wisconsin. Complies with listed States Right to Know Act.

The following statement is made in order to comply with the California State Drinking Water Act. California **Proposition 65:** This product contains Thiourea known to the State of California to cause cancer and/or to cause birth defects and other reproductive harm.



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### SECTION 16 – OTHER INFORMATION

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**Other Precautions:** None required.

**SDS ABBREVIATIONS:**

N. A.:	Not Applicable
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C:	Ceiling Limit
HAP:	Hazardous Air Pollutant
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