



SAFETY DATA SHEET

1 - PRODUCT AND COMPANY IDENTIFICATION

SDS ID: 760213

Product Name CLR MOLD & MILDEW STAIN REMOVER

Product Use Aqueous Cleaner for Removal of Mold and Mildew Stains on Painted Walls , Ceramic Tile, Hardwood Floors and Baseboards, Fabrics, Glass, Metal, Concrete, Brick, Marble, Laminated Countertops, Fully Cured and Oil-based Painted Surfaces, Hard Plastics, Automobile Tires, Vinyl Tops, Wood, Glass, and Fiberglass.
Retail Package: [32 fl. oz. (946 ml)]

CAS# Proprietary Mixture

Restrictions on Use: Incompatible with strong oxidizing agents, acids, bases, bleach. and potassium hydroxide solution.

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

2 – HAZARDS IDENTIFICATION

Emergency Overview: WARNING: MODERATE IRRITANT. Causes eye irritation GHS Toxicity Category 2A.

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

Skin Prolonged contact may cause mild dermatitis, and itching.

Inhalation No adverse effects expected under typical use conditions.

Ingestion Vomiting and gastrointestinal disturbance.

Target organs Eyes. Skin.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA HAZARD</u>	<u>% by Weight</u>
1. Alcohols, C9-11, ethoxylated	68439-46-3.	YES	1.00-8.00
2. Lauramine Oxide	1643-20-5	YES	1.00-5.00



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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 sensitive skin, prolonged contact can be more irritating, 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: None; Method: ASTM D-56

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. Consumer size containers (32 fluid ounces), should be rinsed and recycled. DO NOT PRESSURIZE, CUT OR EXPOSE THESE CONTAINERS TO HEAT, FLAME, 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.



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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENT: Avoid prolonged breathing mists or dusts of this product. Use with adequate ventilation. Do not use in closed or confined spaces.

RESPIRATORY PROTECTION: None required during normal household use. If product is used in an industrial setting, respiratory protection must be worn if ventilation does not eliminate symptoms or keep levels below recommended exposure limits. If mist or dust is present, wear NIOSH-Approved respirator for dusts 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: Not required during normal household usage. 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.

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

EXPOSURE GUIDELINES:

<u>COMPONENT</u>	<u>OSHA</u> <u>PEL</u>	<u>OSHA</u> <u>STEL/C</u>	<u>ACGIH</u> <u>TWA</u>	<u>ACGIH</u> <u>STEL/C</u>
Alcohols, C9-11, ethoxylated	N.E.	N.E.	N.E.	N.E.
Lauramine Oxide	N.E.	N.E.	N.E.	N.E.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	97.4°C / 207° F	Specific Gravity @20°C:	1.010 – 1.030
Vapor Pressure:	N.D.	Percent Volatiles:	~82.3% (Calculated)
Freezing Point:	N.D.	Evaporation Rate:	N.D. (nBuAc=1)
Melting Point:	N.D.	Total VOC (wt. %):	0.09% - does not include any
Vapor Density (mm Hg):	N.D.		(Volatile Organic Compounds/ CARB applicable
pH: @25°C	9.10-9.70		California Air Resource Board) exemptions
Solubility in Water:	100%		

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Avoid elevated temperatures.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, acids, bases, and potassium hydroxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating gases, vapors and carbon oxides.

POSSIBILITY OF HAZARDOUS REACTIONS: No data.

SECTION 11 – TOXICOLOGICAL INFORMATION

LD₅₀ ACUTE EYE IRRITATION: OPPTS 8740.2400 Toxicity Category II - Irritant; GHS Toxicity Category 2A – Irritant

LD₅₀ ACUTE DERMAL IRRITATION - RABBITS: OPPTS 870.2500 Toxicity Category IV – Mild or Slight Skin Irritation; GHS Category 3 – Mild Skin Irritation.

LD₅₀ ACUTE ORAL TOXICITY – RATS: OPPTS 870.1100 Toxicity Category IV >5,000 mg/kg; GHS Category 5 >5,000 mg/kg - Not Toxic by Ingestion

LD₅₀ ACUTE DERMAL TOXICITY - RABBITS: OPPTS 870-1200 Toxicity Category IV >5 g/kg – Not Toxic; GHS Category 5 >5,000 g/kg – Not Toxic

LD₅₀ ACUTE INHALATION TOXICITY – RATS: OPPTS 870.1300 Toxicity Category IV - Not toxic by inhalation; GHS Category 5 - Not toxic by inhalation.



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SECTION 12- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

ALCOHOLS, C9-11, ETHOXYLATED:

Ecotoxicity: No data on product itself

Toxicity to fish – Components
Alcohol, C9-11, ethoxylated

LC50 (96 hr.): 8.5 mg/l Species: Fathead minnow
(Pimephales promelas).

Toxicity to daphnia – Components
Alcohol, C9-11, ethoxylated

EC50 (48 hr.): 5.3 mg/l Species: Daphnia

Toxicity to other organisms: No data available.

Persistence and degradability:

Biodegradability: Readily biodegradable, as defined by OECD, substance that degrades >60-70% within a 10 day window over 28 days.

Mobility: No data available

Bioaccumulation: No data on the product itself.

LAURAMINE OXIDE: Acute Aquatic Toxicity

Reviewed Category ≤ 1 mg/L

Algae IC₅₀ 0.01 mg/L

Invertebrate EC₅₀ 1.01 mg/L

Fish LC₅₀ 2.6 mg/L

Biodegradation: % degraded in 28 days $\geq 60\%$ ThOD/ThCO₂ ($\geq 70\%$ DOC)

CLR STAIN MAGNET CHEMICAL FATE INFORMATION: 28-day biodegradation. The matter is readily biodegradable: **OECD 301D**

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.

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



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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 - TRANSPORTATION INFORMATION

UN Number: N.A.

UN Proper Shipping Name: 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 SDS contains all the information required by CPR.

Marine Pollutant: No

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 HAZARARD:	NO
DELAYED (CHRONIC) HEALTH HAZARD:	NO
FIRE HAZARD:	NO
SUDDEN RELEASE OF PRESSURE:	NO
REACTIVE HAZARD:	NO

SARA SECTIONS 302/304/313/HAP: NO

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. 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.



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SECTION 16 – OTHER INFORMATION

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

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R. A. Gaudreault

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