

JELMAR
MATERIAL SAFETY DATA SHEET
CLR OUTDOOR FURNITURE CLEANER

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Manufacturer:	Jelmar	Emergency Phone Number: 1(800) 323-5497 (USA)
Address:	5550 W. Touhy Ave. Skokie, IL 60077	Monday – Friday 8:30 A.M. – 4:30 P.M. CST
		Emergency Contact: Chemtrec 1(800) 424-9300
Product Name:	CLR Outdoor Furniture Cleaner	
MSDS ID:	810807	
Chemical Family:	Aqueous Mixture	
Formula:	Proprietary Mixture	

SECTION 2 – HAZARDS IDENTIFICATION

PHYSICAL STATE: Liquid
COLOR: Crystal clear, dark blue
ODOR: Light Lemon

WARNING OVERVIEW: May be Irritating to eyes, skin, and respiratory tract. Use with adequate ventilation. Avoid breathing mist or dust. Keep container closed when not in use.

POTENTIAL HEALTH EFFECTS

ROUTES OF EXPOSURE: Eyes. Skin. Inhalation. Ingestion.

TARGET ORGANS: None known.

EYE CONTACT: Slight or medium irritation. Effects may vary depending on length of exposure, solution concentration, and first aid measures. Prolonged contact may cause greater degree of irritation.

SKIN CONTACT: Causes skin irritation. Prolonged contact may cause itching or dermatitis.

INHALATION: May cause mild Irritation. Vapors or mists may irritate respiratory tract. Use in well ventilated area preferably outdoors. High vapor concentration from spraying in confined space may cause headaches, dizziness, drowsiness, tingling or numbness in the limbs and also nausea, vomiting, or visual disturbance.

INGESTION: No data available. As with any household cleaner, do not swallow.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE TO PRODUCT: Skin disorders.

CANCER INFORMATION: This product does not contain >0.10% of the known potential carcinogens listed in NTP, IRAC, or OSHA.

KEEP OUT OF REACH OF CHILDREN.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA HAZARD</u>	<u>% by Weight</u>
1. Water	7732-18-5	NO	90-93
2. Disodium Cocoamphodipropionate	68604-71-7	NO	3-5
3. Gluconic Acid	526-95-4	NO	1-2
4. Methanol	67-56-1	YES	<0.50

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. Get immediate medical attention.

SKIN CONTACT: 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. Get immediate medical attention if irritation develops or persists. Wash hands with soap and water after use.

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INHALATION: Not a significant route of exposure. Remove to fresh air. If breathing is difficult, GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: if swallowed, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT induce vomiting unless directed to do so by a physician. NEVER give an unconscious person anything to ingest. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABILITY: Not flammable

FLASH POINT: None (100° C / 212° F): Method: TOC?

EXPLOSIVE LIMITS IN AIR: Not available

EXTINGUISHING MEDIA: Not flammable. Use appropriate media for area. 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.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide. Corrosive amines. Unidentifiable organic materials.

FIRE AND EXPLOSION HAZARDS: Material will burn in fire, releasing toxic vapors.

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. Notify authorities if entry occurs.

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 fatal 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 containers be rinsed and recycled. Empty containers may contain product residue in form of vapor, dried product, or liquid, and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE THESE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY.

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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>ACGIH</u>	
	<u>PEL</u>	<u>STEL/C</u>	<u>TWA</u>	<u>STEL/C</u>
Water	N.E.	N.E.	N.E.	N.E.
Disodium Cocoamphodipropionate	N.E.	N.E.	N.E.	N.E.
Gluconic Acid	N.E.	N.E.	N.E.	N.E.
Methanol	200ppm	s 200ppm	s 250ppm	
	(s) – Skin	N.E. – Not Established		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	100° C / 212° F	Specific Gravity:	1.02 – 1.03
Vapor Pressure:	N.D.	Percent Volatiles:	~92.9% (Calculated)
Freezing Point:	N.D.	Evaporation Rate:	N.D. (nBuAc=1)
Melting Point:	N.D.	VOC (Wt%):	<0.001 (Calculated)
Vapor Density (mm Hg):	N.D.	VOC (LBS/GAL):	<0.009 (Calculated)
pH:	8.30-8.90	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, metals, acids, and bases.

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

POSSIBILITY OF HAZARDOUS REACTIONS: No data.

SECTION 11 – TOXICOLOGICAL INFORMATION

LD₅₀ ORAL: N.E.

LD₅₀ SKIN: N.E.

LC₅₀ INHALATION: N. E.

SECTION 12- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

CHEMICAL FATE INFORMATION: 28-day biodegradation = 60%. The matter is biodegradable.

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SECTION 13 – DISPOSAL CONSIDERATIONS

HAZARDOUS WASTE NUMBER: D002

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.

SECTION 14 - TRANSPORTATION INFORMATION

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.

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: YES

FIRE HAZARD: NO

SUDDEN RELEASE OF PRESSURE: NO

REACTIVE HAZARD: NO

SARA SECTIONS 302/304/313/HAP:

COMPONENT	RQ (LBS) (1*)	RQ (LBS) (2*)	TPQ (LBS) (3*)	SEC 313 (4*)	HAP (5*)
Water	N.A.	N.A.	N.A.	NO	NO
Disodium Cocoamphodipropionate	N.A.	N.A.	N.A.	NO	NO
Gluconic Acid	N.A.	N.A.	N.A.	NO	NO
Methanol	5,000	N.A.	N.A.	YES	YES

REGULATORY AGENCIES

*1: CERCLA Reportable Quantity

*2: SARA Reportable Quantity

*3: SARA EHS Threshold Planning Quantity

*4: SARA 313 Toxic Chemical / Category

*5: U. S. EPA Hazardous Air Pollutant

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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.

SECTION 16 – OTHER INFORMATION

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

Revision: None

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R. A. Gaudreault

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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