

JELMAR
MATERIAL SAFETY DATA SHEET
C L R BATHROOM & KITCHEN CLEANER

This Material Safety Data Sheet is being provided to your company for the purpose of providing current health and safety information to your management and employees who work or may be exposed to this product. Please read the data provided and then provide it to those at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire protection as necessary and/or appropriate to use and understand the data contained in this MSDS.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations
 State of Illinois: Public Act 83-240

SECTION 1 - PRODUCT IDENTIFICATION

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

Emergency Phone Number: (847) 675-8400
Emergency Contact: Chemtrec (800) 424-9300

Chemical Name: N/A
Chemical Family: Aqueous acidic mixture
Formula: N/A – mixture
Common Name: CLR Bathroom & Kitchen Cleaner Deodorizer
DOT Classification: ORM-D
NFPA Rating System: Health-1/Flammability-1/Reactivity-0
UN Number: UN1760
Calculated VOC: 2.60

SECTION 2 – COMPOSITION INFORMATION

<u>Component</u>	<u>CAS#</u>	<u>PEL/TLV</u>	<u>Percentage</u>
1. Deionized Water	7732-18-5	NE	80 - 82
2. Glycolic Acid	79-14-1	NE	6 - 8
3. Disodium Caprylam-phodiapropionate	68815-55-4	NE	4 - 8
4. Ethylene Glycol n-Butyl Ether	111-76-2	20ppm TLV	1 - 4
5. Fragrance	Proprietary Mixture	NE	

NE = Not Established

This product is a mixture for which no health hazard data exist. The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do the components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of the individual components may be altered by including them in a mixture. Components of this product that are listed are present in quantities as defined in OSHA 29 CFR 1910.1200

Some ingredients of this mixture are defined as proprietary compounds or in itself is a mixture whose complete composition is a trade secret.

REGULATORY INFORMATION

FEDERAL/NATIONAL:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act of 1986, as amended, and of 40 CFR 372 (for SARA 313): Glycolic Acid, Glycol Ethers

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CERCLA requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4. Components present in this product which would require reporting under this statute are: Glycolic Acid

The following components of this product are listed as extremely hazardous substances in 40 CFR Part 355 and are present at levels which could require reporting and emergency planning (SARA Title III Sections 302 & 304): Glycol Ethers

SARA Title III Sections 311 and 312:

Delayed Health Hazard:	No
Fire Hazard:	No
Immediate Health Hazard:	Yes (irritation)
Reactive Hazard:	No
Sudden Release or Pressure Hazard:	No

National VOC Emissions Standards for Consumer Products: (40 CFR Parts 9 & 59)
 Category: Not Listed

STATE/LOCAL:

Pennsylvania: PA Hazardous Substance = or > 1.0%: Ethylene Glycol n-Butyl Ether
 New Jersey: NJ Hazardous Substance = or > 1.0%: Ethylene Glycol n-Butyl Ether
 California:
 Prop. 65: N/A
 Cal Air Resources Board Classification: Not Listed

SECTION 3 - PHYSICAL DATA

Boiling Point:	99°C	Specific Gravity:	1.03
Vapor Pressure:	ND	Percent Volatiles:	91%
Vapor Density:	ND	Evaporation Rate:	< 1 (n-ethyl acetate=1)
pH:	2.6 – 2.8	Biodegradable:	Yes
Solubility in Water:	Soluble		
Appearance, Color & Odor:	Clear solution, pleasantly scented, medium yellow color		

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: <212°F (Method TCC)
Extinguishing Media: Water, carbon dioxide, dry chemical or foam, Class A, BC or ABC fire extinguishers.
Special Fire Fighting Procedures: Do not use direct water stream as it might spread fire.
Unusual Fire & Explosion Hazards: None

SECTION 5 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Eyes: Can cause eye corrosion with ulceration
Skin: May cause irritation
Inhalation: Excessive inhalation may cause irritation of the respiratory passages
Ingestion: May cause irritation of the gastrointestinal tract

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EMERGENCY FIRST AID PROCEDURES:

Eye Contact: Immediately flush with water for at least 15 minutes. Contact physician.
Skin Contact: Immediately flush with water. Prolonged contact may cause irritation.
Inhalation: Remove to fresh air immediately. Give artificial respiration if not breathing. Contact physician.
Ingestion: DO NOT INDUCE VOMITING. Give large quantities of water. Contact physician.
Medical Conditions Aggravated by Exposure: None Expected.

SECTION 6 - REACTIVITY DATA

Stability: Stable
Incompatibility: Strong oxidizing chemicals
Hazardous Decomposition Products: Will not decompose, thermal decomposition products may include toxic oxides of carbon
Hazardous Polymerization: Will Not Occur

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: No special clean-up procedure is necessary for small (less than 1 gallon) spills. For larger spills, dam the spill and adsorb material with earth, sand or similar inert material. Place adsorbed material in suitable containers and discard solid waste in accordance with federal, state and local regulations. After removal of the contaminated adsorbent flush spill area with water.

SECTION 8 - SPECIAL PROTECTION

Respiratory Protection: Not required during normal usage
Ventilation: General room ventilation is normally adequate
Protective Gloves: Not required during normal usage however, use plastic or rubber gloves if product is used in area where rinse water is not readily available
Eye Protection: Not required during normal usage
Other Protective Equipment: None required in normal usage

SECTION 9 - SPECIAL PRECAUTIONS OR COMMENTS

Precautions to be taken in Handling & Storing: Avoid exposure to excessive heat and prevent from freezing.
Other Precautions: None required

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