

CHEMICAL RESOURCES CORP.

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SAFETY DATA SHEET

IDENTITY (As Used on Label and List)

L A B 6623311

Recommended use of the chemical and restrictions on use

Recommended use Drain Line Treatment/odor control
Emergency Telephone Number 800 572-0033

SECTION 2-HAZARDOUS IDENTIFICATION

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin irritation H316
Eye irritation H320
Respiratory sensitization H334/H335

GHS Label elements, including precautionary statements



Signal Word: Warning

CODE	HAZARD STATEMENTS
H316	Causes mild skin irritation
H320	Causes eye irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation

CODE	PRECAUTIONARY STATEMENTS
P261	Avoid breathing/dust/fume/gas/mist vapors/spray
P264	Wash skin thoroughly after handling
P285	In case of inadequate ventilation wear respiratory protection
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for sever minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see supplemental first aid instructions)
P332 + P313	If skin irritation occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P343 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
P362	Take off contaminated clothing and wash before reuse
P501	Dispose of contents/container in an approved waste disposal plant

SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Cas No	Weight-%
Water	7732-18-5	
Bacterial Blend	None Established	
Polyoxy-1,2-ethanediyl), a-undecyl-w-hydroxy-	34398-01-1	
Styrene Acrylic Copolymer Emulsion	Not Established	
Fragrance	Not Established	
Tetrasodium ethylenediamine tetra acetate	64-02-8	

**** If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific, chemical identity and/or percentage of composition has been withheld as a trade secret. ****

SECTION 4-FIRST AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment
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/attention.
Skin Contact:	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse Skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs. Get medical advice/attention
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion:	IF SWALLOWED: RINSE MOUTH. Do NOT induce vomiting. If conscious, give large amounts of water. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms:	Direct contact with eyes may cause mild irritation. May cause mild skin irritation with prolonged or repeated contact. Ingestion of large amounts may cause irritation, nausea or diarrhea. Inhalation may irritate respiratory tract.
Notes to Physician	Treat symptomatically.

SECTION 5-FIREFIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Dry Chemical. Carbon dioxide (CO2). Foam

Unsuitable Extinguishing Media.: Not determined

Specific Hazards Arising from the Chemical

Product is not flammable or combustible

Hazardous Combustion Products Smoke, fumes or vapors, and oxides of carbon.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not enter confined fire spaces without protective clothing and self-contained air supply.

SECTION 6-ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protection recommended in Section 8.
Environmental Precautions	See Section 12 for additional Ecological Information

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Flush small spills with water. Large spills—confine spill, soak up with approved absorbent, and shovel product into approved containers for disposal. For waste disposal, see section 13 of the SDS.

SECTION 7-HANDLING AND STORAGE

Precautions for safe handling

<u>Advice on Safe Handling</u>	Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Contaminated work clothing should not be allowed out of the workplace.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Store in secured area. Store locked up. Keep container closed when not in use.
Incompatible Materials	None known based on information supplied.

SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Guidelines</u>	No exposure limits noted for ingredient(s). The following information is given as general guidance.
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Appropriate engineering controls

Engineering Controls	Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Maintain eye wash fountain and quick drench facilities in work area.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields or chemical goggles
Skin and body protection	Wear protective gloves and protective clothing PVC gloves. Rubber gloves
Respiratory Protection	Not required under normal use conditions
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Off White Turbid Liquid
Color	Off White
Odor	Cleaner Scent
Odor Threshold	Not determined

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<u>Property</u>	<u>Values</u>	<u>Remarks- Method</u>
pH	7.5-8.5	
Melting Point/Freezing Point	Freeze 0.0 C	
Boiling Point/Boiling Range	Boil 100.0 C	
Flash Point	Not determined	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not determined	
Upper flammability limit	Not determined	
Lower flammability limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	.99 - 1.02	(1 = Water)
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

SECTION 10 - STABILITY AND REACTIVITY

<u>Reactivity</u>	Not reactive under normal conditions
<u>Chemical Stability</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions</u>	None under normal processing
Hazardous Polymerization	Hazardous polymerization does not occur
<u>Conditions to Avoid</u>	Contact with incompatible materials
<u>Incompatible Materials</u>	None known based on information supplied
<u>Hazardous Decomposition Products</u>	Smoke, fumes or vapors and oxides of carbon

SECTION 11-TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause irritation, health injuries not expected under normal use
Skin Contact	May cause irritation, health injuries not expected under normal use
Inhalation	May cause irritation to the mucous membranes and upper respiratory tract. Health injuries not expected under normal use.
Ingestion	May cause irritation health injuries not expected under normal use

Data as Supplied for compounds at 100%

CHEMICAL NAME	Oral LD 50	Dermal LD 50	Inhalation LD50
Poly(oxy-1,2-ethanedly), a-undecly-w-hydroxy	>2,000 mg/kg Species: Rat	>2000 mg/kg Species: Rabbit	
Tetasodium ethylenediamine letraacetate	3,030, mg/kg Species: Rat		

SECTION 12- ECOLOGICAL INFORMATION

<u>Ecotoxicity</u>	Ecological studies have not been carried out on this product
<u>Persistence/Degradability</u>	Not determined
<u>Bioaccumulation</u>	Not determined
<u>Mobility</u>	Not determined
<u>Other Adverse Effect</u>	Not determined

SECTION 13- DISPOSAL CONSIDERATION

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14- TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Please contact manufacturer for most current information
<u>IATA</u>	Please contact manufacturer for most current information
<u>IMDG</u>	Please contact manufacturer for most current information

SECTION 15- REGULATORY INFORMATION

International Inventories

	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Materials used in the formulation	Present	Bs strains listed	Present	Present		Present	X	X	X	Present

LEGEND

TSCA-	United States Toxic Substances Control Act Section 8(b) inventory
DSL/NDSL -	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS -	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS -	Japan Existing and New Chemical Substances
IECSC -	China Inventory of Existing Chemical Substances
KECL =	Korean Existing and Evaluated Chemical Substances
PICCS -	Philippines Inventory of Chemicals and Chemical Substances
AICS -	Australian Inventory of Chemical Substances

US Federal Regulations

<u>CERCLA</u>	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) of the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).
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<u>SARA 313</u>	Not determined
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<u>CWA (Clean Water Act)</u>	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
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US State Regulations

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SECTION 16- OTHER INFORMATION

<u>NFPA</u>	HEALTH HAZARD 1	FLAMMABILITY 0	REACTIVITY 0	SPECIAL HAZARDS Not determined
<u>HMIS</u>	HEALTH HAZARD 1	FLAMMABILITY 0	REACTIVITY 0	PERSONAL PROTECTION Not determined

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Revision Note DOT update

GENERAL DISCLAIMER

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material in any process, unless specified in the text.

End of Safety Data Sheet