



Safety Data Sheet



1. Identification

Product Name: RL1254

Recommended Use: Reverse Osmosis Treatment

Supplied by: ChemTreat, Inc.
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Glen Allen, Virginia 23060
E-Mail: productcompliance@chemtreat.com
www.chemtreat.com
(800) 648-4579

Emergency Telephone: (800) 424-9300

2. Hazards Identification

This substance or mixture is classified in accordance with 29 CFR 1910.1200.

Hazard Pictogram(s)

None

Signal Word

Warning

GHS CLASSIFICATION & HAZARD STATEMENTS

EYE IRRITATION - CATEGORY 2B H320 Causes eye irritation

PRECAUTIONARY STATEMENTS

P264 Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317 If eye irritation persists: Get medical help.

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Statements
Potassium sulfite	10117-38-1	40 - 50	No Information

The exact percentage (concentration) and/or specific chemical identity of the product composition has been withheld as a trade secret.
Full text of H-statements (if any): see Section 16

4. First-aid Measures



First Aid - General Advice: Provide general supportive measures and treat symptomatically. If any symptoms persist or in all cases of doubt, seek medical advice.

First Aid - Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

First Aid - Ingestion: Rinse mouth. Get medical attention if symptoms occur.

First Aid - Skin Contact: Wash off with soap and water. Remove contaminated clothing. Seek medical attention if skin irritation occurs.

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove eye contact lenses. Call a physician or poison control center immediately if symptoms persist.

Most Important Symptoms and Effects: See Section 2 and Section 11, Toxicological effects for description of potential symptoms. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and

pain.

Notes to Physician: Ensure that medical personnel are aware of the material(s) involved and follow precaution measures. Treat symptomatically.

5. Fire-fighting Measures

Fire and Explosion Hazards: Use standard firefighting procedures and consider the hazards of other involved materials.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

Methods and Materials for Containment and Cleanup: Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Large Spills: Stop the flow of material, if possible without risk. Absorb in vermiculite, sand, or earth and place into containers. Flush area with compatible cleaning solution.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental Precautions: Avoid release to the environment. Do not allow discharge into drains, water courses, or onto the ground. See Section 12 for additional Ecological information.

Advice for Emergency Responders: Keep unnecessary personnel away. Ventilate area. Observe and follow emergency procedures.

Personal Precautions: Refer to protective measures listed in sections 7 and 8.

7. Handling and Storage

Handling: Sulfite blends with a pH <6 may have a strong odor and need to be handled in a well ventilated area. Maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

Storage: Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store above Freeze Point.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Potassium sulfite	N.E.	N.E.	N.E.	N.E.

MEL = Maximum Exposure Limit OES = Occupational Exposure Standard N.E. = Not Established

Personal Protection

Respiratory Protection: If occupational exposure limits are exceeded and/or misting occurs, use NIOSH approved organic vapor/acid gas dual cartridge respirator with a dust/mist prefilter in accordance with 29 CFR 1910.134.

Skin Protection: Wear appropriate chemical resistant gloves.

Eye Protection: Safety glasses with side-shields.

Other Protective Equipment: Wear suitable personal protective equipment. Eye wash facilities and emergency shower must be available when handling this product.

Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

9. Physical and Chemical Properties

Appearance:	Clear	Color:	Colorless
Physical State:	Liquid	Odor:	Mild
Density, lb/gal:	12.23	Specific gravity, 20°C	1.467
Freeze Point, °C:	4	pH:	9.80
Solubility in Water:	No Information	Viscosity:	0 - 200 cps
Boiling Range, °C:	No Information	Flash Point, °C:	No Information
Volatile Organic Compounds, gr/ltr:	0.00	Combustibility:	No Information

10. Stability and Reactivity

Reactivity: Stable under recommended transport or storage conditions.

Stability: Stable under recommended use and conditions.

Conditions to Avoid: Contact with incompatible materials.

Incompatibility: Strong oxidizing agents, strong acids, metals, aluminum, alkali, copper, zinc. Compatibilities with materials of construction are available upon request from a ChemTreat representative.

Hazardous Decomposition Products: Sulfur oxides. Sodium oxides. No hazardous reactions are expected under recommended use and condition. Additional reactivity or stability information is available upon request from a ChemTreat representative.

11. Toxicological Information

Most Important Symptoms and Effects: See Section 2 and Section 11, Toxicological effects for description of potential symptoms. Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation. May cause redness and pain.

Effect of Overexposure - Inhalation: Under normal use conditions, this product is not expected to cause adverse health effects.

Effect Of Overexposure - Ingestion: May be harmful if swallowed. Rinse mouth. Call a physician or poison center if symptoms occur.

Effect of Overexposure - Skin Contact: May cause skin irritation.

Effect Of Overexposure - Eye Contact: May cause eye irritation.

Effect Of Overexposure - Chronic Hazards: No persistent or cumulative effects were observed. Under normal use conditions, this product is not expected to cause chronic health effects.

Carcinogenicity: Not classified as carcinogenic to humans.

Acute Toxicity Values

No data available

12. Ecological Information

Ecological Information: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: Slight.

Other Adverse Ecological Effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Information

Disposal Instructions: Do not dispose or allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated Packaging: Emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Hazardous Waste Code: None

14. Transport Information

DOT

Not regulated as dangerous goods

IATA

Not regulated as dangerous goods

IMDG

Not regulated as dangerous goods

Special Transport Precautions: No Information**15. Regulatory Information****Federal Regulations:**

This safety data sheet was prepared in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not regulated

Superfund Amendments and Reauthorization Act of 1986 (SARA)**SARA 302 Extremely Hazardous Substances**

Not regulated

SARA 304 Emergency Release Notification

Not regulated

SARA Section 311/312**Classified Hazard Categories** None Known**SARA 313 (TRI reporting)**

Not regulated

OSHA Specifically Regulated Substances List (40 CFR 1910.1001-1053)

Not regulated

Clean Air Act (CAA)**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water Act (SDWA)

Not regulated

California Proposition 65

Not regulated

International Regulations:**International Inventories:**

Country(s) or region	Inventory name	On inventory (yes/no)*
TSCA	United States Toxic Substances Control Act Inventory	Yes

DSL	Canadian Domestic Substances List	Yes
NDSL	Canadian Non-Domestic Substances List	No
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances	Yes
ENCS	Japan Existing and New Chemical Substances	Yes
IECSC	China Inventory of Existing Chemical Substances	Yes
KECI	Korean Existing and Evaluated Chemical Substances	Yes
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Yes
AICS	Australian Inventory of Chemical Substances	Yes
NZIoC	New Zealand Inventory of Chemicals	Yes
TCSI	Taiwan Chemical Substance Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Compliance Information

Kosher

This product is Kosher certified for Pareve by the Orthodox Union.



NSF Standard 60

This product is certified to NSF/ANSI/CAN Standard 60 for the following approved function: Dechlorination
Maximum use rate for potable water - 25 mg/l



16. Other Information

Revision Date: 9/28/2025
Reason for revision: No Information
Datasheet produced by: productcompliance@chemtreat.com

HMIS Ratings:

Health:	1	Flammability:	0	Reactivity:	0	Personal Protection:	X
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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