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## 1. Identification of the substance/preparation and of the company/undertaking

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**Product Name** SL-3510

**UN/ID No.** Not regulated

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Steam/Condensate Return Line Treatment.

**Uses advised against** No information available

### Supplier Address

Anderson Chemical Company, 325 South Davis Avenue, Litchfield, MN 55355 (320-693-2477)

### Emergency telephone number

Chemtrec 1-800-424-9300

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## 2. Hazards identification

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### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

### Label Elements

Signal word: **Not applicable**

#### **Hazard Statements**

Not applicable

#### **Precautionary Statements - Prevention**

Not applicable

#### **Precautionary Statements - Response**

Not applicable

#### **Precautionary Statements - Storage**

Not applicable

#### **Precautionary Statements - Disposal**

Not applicable

#### **Hazards not otherwise classified (HNOC)**

#### **Other Information**

Not applicable

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## 3. Composition/information on ingredients

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Chemical Name	CAS Number	% by Weight
TSRN1333		35 - 50

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

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## 4. First aid measures

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#### **Eye contact**

Flush immediately with plenty of water for 15 minutes. Lift upper and lower eyelids for complete rinsing. If irritation persists after rinsing, get medical attention.

#### **Skin Contact**

Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

#### **Inhalation**

Remove victim to fresh air. If breathing difficulty occurs or persists, get medical attention.

**Ingestion**

Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

**Self-protection of the first aider**

Use recommended personal protective equipment to avoid contact with product.

**Most important symptoms and effects, both acute and delayed****Symptoms**

May cause eye and skin irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause respiratory irritation.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically

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**5. Fire-fighting measures**

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**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

None known.

**Specific hazards arising from the chemical**

None known.

**Hazardous combustion products**

Combustion may produce ammonia and sulfur and nitrogen oxides.

**Explosion Data**

**Sensitivity to mechanical impact** None

**Sensitivity to static discharge** None

**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. Use water spray to cool fire exposed containers. Move containers from fire area if you can do it without risk.

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**6. Accidental release measures**

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**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Evacuate nonessential personnel. Ventilate area. Wear appropriate personal protection equipment.

**Environmental precautions**

See Section 12 for additional ecological information.

**Methods for containment**

Completely contain spilled material with dikes or sand bags, etc.

**Methods for cleaning up**

Recover as much material as possible into containers for disposal or reuse. Remaining material may be diluted with water and neutralized. Flush spill area with water. Neutralization products, both solid and liquid, must be recovered for disposal.

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**7. Handling and storage**

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**Precautions for safe handling****Advice on safe handling**

Do not get in eyes, on skin, or clothing. Do not breathe vapors or mists. Do not ingest. Wash thoroughly after handling. Wear protective clothing/equipment. Use with adequate ventilation.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed and properly labeled. Containers that have been emptied will retain product residue and should be handled as if they were full. Store in a cool, dry, well-ventilated place away from incompatible materials. Wash hands before eating, drinking, using tobacco, applying make-up or using the toilet. Do not store, use, and/or consume foods, beverages, tobacco in areas where this product is stored.

**Incompatible materials**

Strong oxidizing agents, nitrites and alkalis.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure Guideline

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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### Appropriate engineering controls

Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear protective splash proof safety goggles. Additional full face protection is recommended if splashing is a possibility.

#### Skin and body protection

If contact is anticipated, wear protective clothing appropriate to use conditions. Rubber gloves.

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	Liquid
Color	Clear, colorless
Odor	Slight ammonia
Odor threshold	No information available
pH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability upper limit in air	No information available
Flammability lower limit in air	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity	1.215 - 1.235
Water solubility	Soluble in water
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

## 10. Stability and reactivity

#### Reactivity

No information available

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.

#### Conditions to avoid

Extremes of temperature and direct sunlight.

#### Incompatible materials

Strong oxidizing agents, nitrites and alkalis.

#### Hazardous Decomposition Products

Thermal decomposition may generate ammonia and sulfur oxides, carbon oxides and nitrogen oxides.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	May cause respiratory irritation.
<b>Eye contact</b>	May cause eye irritation.
<b>Skin Contact</b>	May cause skin irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
TSRN1333	4250-4347 mg/kg (rat)	>2000 mg/kg (rabbit)	

### Information on toxicological effects

**Symptoms** Eyes: Causes irritation with redness, tearing and pain. Skin: May cause mild skin irritation. Ingestion: May cause gastrointestinal irritation, nausea, vomiting, thirst, headaches, hyperventilation and drowsiness. Large amounts may cause severe metabolic acidosis with symptoms such as headache, drowsiness, vomiting, confusion, thirst and hyperventilation. Inhalation: May cause irritation of the nose, throat and upper respiratory tract with sneezing, coughing and sore throat.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available
<b>Germ cell mutagenicity</b>	No information available
<b>Carcinogenicity</b>	No information available

Chemical Name	ACGIH	IARC	NTP	OSHA

<b>Reproductive toxicity</b>	No information available
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available
<b>Aspiration hazard</b>	No information available

### Numerical measures of toxicity - Product Information

No information available

## 12. Ecological information

### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
TSRN1333		96 hr LC50 Agonus cataphractus -130-210 mg/L	96-hr EC50 Daphnia magna-47.7 mg/L

<b>Persistence and degradability</b>	No information available
<b>Bioaccumulation</b>	No information available
<b>Other adverse effects</b>	No information available

## 13. Disposal considerations

### Waste treatment methods

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.

Chemical Name	California Hazardous Waste Status

## 14. Transport information

<b>DOT</b>	Not regulated
<b>UN/ID No.</b>	Not regulated
<b>Proper shipping name</b>	Not applicable
<b>Hazardous ingredients</b>	Not applicable
<b>Hazard class</b>	Not applicable
<b>Packing group</b>	Not applicable

## 15. Regulatory information

### US Federal Regulations

#### SARA 311/312 Hazards

#### CWA (Clean Water Act)

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)

Chemical Name	Reportable Quantities	Toxic Pollutants	Priority Pollutants	Hazardous Substances
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### CERCLA

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) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
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### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

## 16. OTHER INFORMATION

**NFPA** Health hazards 1 Flammability 0 Instability 0 Physical and Chemical Properties  
**HMIS** Health hazards 1 Flammability 0 Physical hazards 0 Personal protection X  
 Prepared By L. Tipka  
 Issue Date 2014-11-26  
 Revision Date 2023-02-28  
 Revision Note 2023-02-28 new format and revision

### Disclaimer

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**