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

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**Product Name** AEROL X

**UN/ID No.** Not applicable

**Synonyms** None

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

**Recommended Use** General Cleaner

**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**

**Serious Eye Damage/Irritation** Category 2A

### Label Elements

Signal word: **Warning**

#### **Hazard Statements**

Causes serious eye irritation.

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

Wash face and hands thoroughly after handling. Wear eye protection/face protection.

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

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.

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

Not applicable

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

Not applicable

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

##### **Other Information**

May be harmful if swallowed. Toxic to aquatic life with long lasting effect.



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## 3. Composition/information on ingredients

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Chemical Name	CAS Number	% by Weight
Sodium carbonate	497-19-8	10 - 15
TSRN7263	Trade Secret	20 - 30
TSRN9309		5 - 10

\*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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### **General advice**

Get medical attention

### **Eye contact**

Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate 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**

Avoid contact with skin, eyes and clothing

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

May cause respiratory tract irritation. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause skin irritation. May cause stomach distress, nausea or vomiting.

**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**

Oxides of sodium, sulfur and phosphorus

**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. Prevent entry into waterways, sewers or drains.

**Methods for containment**

Completely contain spilled material.

**Methods for cleaning up**

Recover as much material as possible into containers for disposal or reuse. Avoid generation of dust. 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 dust. 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**

Oxidizing agents, acids, aluminum, magnesium.

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## 8. Exposure controls/personal protection

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**Control parameters****Exposure Guideline**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium carbonate 497-19-8		10 mg/m <sup>3</sup> Total dust; 5 mg/m <sup>3</sup> Respirable fraction	
TSRN7263 Trade Secret	10 mg/m <sup>4</sup> TWA		

**Appropriate engineering controls**

Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Safety glasses or goggles should be worn to avoid accidental contact.

**Skin and body protection**

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

**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.

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## 9. Physical and chemical properties

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**Information on basic physical and chemical properties**

<b>Physical state</b>	Powder
<b>Color</b>	White
<b>Odor</b>	Orderless
<b>Odor threshold</b>	No information available
<b>pH</b>	10.2 - 11, 10% solution
<b>Melting point/freezing point</b>	No information available
<b>Boiling point / boiling range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability upper limit in air</b>	No information available
<b>Flammability lower limit in air</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water solubility</b>	Soluble in water
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

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## 10. Stability and reactivity

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**Reactivity**

No information available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Dusty conditions, extreme heat, extreme humidity.

**Incompatible materials**

Oxidizing agents, acids, aluminum, magnesium.

**Hazardous Decomposition Products**

Thermal decomposition may yield oxides of phosphorous, sodium, and sulfur. Carbon dioxide and carbon monoxide may be released upon combustion.

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**11. Toxicological information**

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**Information on likely routes of exposure****Product Information**

**Inhalation** May cause respiratory tract irritation.  
**Eye contact** Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.  
**Skin Contact** May cause skin irritation.  
**Ingestion** May cause stomach distress, nausea or vomiting.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate 497-19-8	2,800 mg/kg (rat)	> 2,000 mg/kg (rabbit)	
TSRN7263 Trade Secret	Multi-dose Toxicity: orl-rat TDLo:2730 mg/kg/13W-I	Irritation: skn-rbt 500 mg/24H MOD;	
TSRN9309	Rat 1080 mg/kg	Rat > 2000 mg/kg	

**Information on toxicological effects****Symptoms** See Section 4**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available  
**Germ cell mutagenicity** No information available  
**Carcinogenicity** No information available

Chemical Name	ACGIH	IARC	NTP	OSHA

**Reproductive toxicity** No information available  
**STOT - single exposure** No information available  
**STOT - repeated exposure** No information available  
**Aspiration hazard** No information available

**Numerical measures of toxicity - Product Information**

No information available

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**12. Ecological information**

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**Ecotoxicity**

Toxic to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium carbonate 497-19-8		96 h LC50 Bluegill sunfish 300 mg/L	48 h EC50 Ceriodaphnia 200-227 mg/L
TSRN9309	Acute: EC50 Algae 7.39 mg/l, 96 h; Chronic: NOEC 0.268 mg/l, 15 d	Acute: LC50 Bluegill (Lepomis macrochirus) 1.67 mg/l, 96 h; Chronic: NOEC 0.268 mg/l, 72 d	Acute: EC50 Daphnia magna 2.9 mg/l, 48 h; Chronic: NOEC 0.268 mg/l, 21 d

**Persistence and degradability** No information available  
**Bioaccumulation** No information available  
**Other adverse effects** No information available

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**13. Disposal considerations**

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**Waste treatment methods****Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

Chemical Name	California Hazardous Waste Status
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## 14. Transport information

<b>DOT</b>	Not regulated
<b>UN/ID No.</b>	Not applicable
<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

Serious Eye Damage/Irritation

#### 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

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Properties</b>
<b>HMS</b>	<b>Health hazards</b> 2	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal protection</b> X
<b>Prepared By</b>	L. Tipka			
<b>Issue Date</b>	2014-03-12			
<b>Revision Date</b>	2023-10-16			
<b>Revision Note</b>				

### 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**