

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

Product Name Prism Red

UN/ID No. UN1760

Synonyms

Recommended use of the chemical and restrictions on use

Recommended Use

Uses advised against No information available

Supplier Address

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

Emergency telephone number

1-800-424-9300 Chemtrec

2. Hazards identification

Classification

OSHA Regulatory Status

Acute Toxicity-Oral Category 4
Skin Corrosion/Irritation Category 1 Sub-category B
Serious Eye Damage/Irritation Category 1

Label Elements

Signal word: **Danger**

Hazard Statements

Harmful if swallowed
Causes severe skin burns and eye damage.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.
Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician. Specific treatment (see Section 4 on the SDS).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Other information



3. Composition/information on ingredients

Chemical Name	CAS Number	% by Weight
Organic Acid Salt	Proprietary	5-15%
Acid replacement	Proprietary	15-25%

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

4. First aid measures

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. 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

Most important symptoms and effects, both acute and delayed

Symptoms

Causes serious eye damage. Can cause pain, irritation, watering, redness. Causes severe skin burns. Can cause pain or irritation. Harmful if swallowed. May be harmful if inhaled.

Indication of any immediate medical attention and special treatment needed

Note to physicians

No information available

5. Fire-fighting measures

Suitable extinguishing media

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

Unsuitable extinguishing media

High volume water jet

Specific hazards arising from the chemical

Extreme heat, above 110°C

Hazardous combustion products

Hydrogen fluoride, transition element oxides, carbon oxides, 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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Evacuate nonessential personnel. Ventilate area. Wear appropriate personal protection equipment. Avoid breathing vapor or mist.

Environmental precautions

See Section 12 for additional ecological information. Prevent entry into sewers, water courses or confined areas.

Methods for containment

Stop leak if safe to do so. Move containers from spill area. 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.

7. Handling and storage

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 oxidizers, chlorates, nitrates, borates or silicates. Contact with hypochlorites will generate toxic gas. Contact with alkaline product may generate heat.

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 safety glasses with side shields (or goggles) and a face shield.

Skin and body protection

Natural rubber, neoprene or nitrile gloves should be worn. Suitable protective clothing as determined by 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

Wash contaminated clothing before reuse.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Color	Dark pink
Odor	Odorless
Odor threshold	No information available
pH	1.3-1.9
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	1.112-1.132
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

Extreme heat

Incompatible materials

Strong oxidizers, chlorates, nitrates, borates or silicates. Contact with hypochlorites will generate toxic gas. Contact with alkaline product may generate heat.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

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

Inhalation May be harmful if inhaled.
Eye contact Causes serious eye damage.
Skin Contact Causes skin burns and irritation.
Ingestion May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Organic Acid Salt Proprietary	1357 mg/kg Rat	3698 mg/kg Rat	

Information on toxicological effects**Symptoms** Can cause eye pain, irritation, watering, redness. Causes skin pain or irritation. Irritating to mouth and throat. May be harmful if inhaled.**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

None available

12. Ecological information

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Organic Acid Salt Proprietary	LC50 21.5 mg/l (Selenastrum capricornutum) 72 hr	LC50>100 mg/l (Rainbow trout) 96 hr	LC50 709 mg/l (Daphnia Magna) 48 hr

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

13. Disposal considerations

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

14. Transport information

DOT	Regulated
UN/ID No.	UN1760
Proper shipping name	Corrosive Liquid, N.O.S.
Hazardous ingredients	(acid mixture)
Hazard class	8
Packing group	II

15. Regulatory information

US Federal Regulations

SARA 311/312 Hazards

Acute Toxicity-Oral
Skin Corrosion/Irritation
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)

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

US State Regulations

California Proposition 65

This product can expose you to chemicals including formaldehyde and methanol, which is known to the State of California to cause cancer.

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	Health hazards	3	Flammability	0	Instability	0	Physical and Chemical Properties	
HMIS	Health hazards	3	Flammability	0	Physical hazards	0	Personal protection	X
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Revision Note								

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