Enviro Tech Chemical Services, Inc. 500 Winmoore Way Modesto, CA 95358

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: ENVIROCHLORITE 7.5 **Product Code:** 80

Product Use: Chlorine dioxide generation.

Registration Number: 63838-24

Enviro Tech Chemical Services, Inc.
500 Winmoore Way Modesto, CA 95358
(209) 581-9576 (7 AM to 5 PM, PST, Monday to Friday)

24 Hr. Emergency Tel.#: 1-800-255-3924

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Skin Corrosion - Category 1
Serious Eye Damage - Category 1
Acute Toxicity - Oral Category 4
Acute Toxicity - Dermal Category 5
Acute Toxicity - Inhalation Category 4

Signal Word: DANGER

Hazard Statements:
Causes severe skin burns and eye damage
Harmful if swallowed
May be harmful in contact with skin
Harmful if inhaled

Precautionary Statements:

Prevention
Wash hands thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection.
Do not eat, drink or smoke when using this product.
Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.

Response
IF ON SKIN: Wash with soap and water.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
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
Wash contaminated clothing before reuse.
For specific treatment see Section 4 First Aid.

Storage
Store locked up.

Disposal
Dispose of contents/container in accordance with local regulations.

Hazards not Otherwise Classified:
No other hazards classified.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
SODIUM CHLORITE	NONE	7758-19-2	5-10%

SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.

Skin Contact: Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with lukewarm, gently flowing water/shower with a flushing duration of 30 minutes. Immediately call POISON CENTER/doctor. Wash contaminated clothing before re-use.

Eye Contact: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

Most Important Symptoms and Effects, both Acute and Delayed: Causes severe skin burns and eye damage, burning of the mouth, throat, and esophagus.

Indication of any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Flood with water.

Special hazards arising from the substance or mixture: Non combustible. May give off irritating or toxic fumes (or gases) in a fire.

Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012): Non flammable

Hazardous Combustion Products: Non combustible

Special protective equipment and precautions for firefighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Methods and materials for containment and cleaning up: SMALL SPILLS (less than 1 gallon): Neutralize with soda ash or cover with dry earth, sand or other non combustible material, place into loosely covered plastic containers for later disposal. If neutralized, material can be diluted into drain. LARGE SPILL: Restrict access to area until completion of clean up. Prevent liquid from entering sewers or waterways. Stop or reduce leak if safe to do so. Dike with inert material (sand, earth, etc.). Collect into plastic containers for disposal. Ensure adequate decontamination of tools and equipment following clean up.

Special spill response procedures: Prevent from entering sewers, waterways, or low areas.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

Conditions for Safe Storage: Store in a cool, dry, well ventilated place away from direct sunlight. Keep container closed when not in use.

Incompatible Materials: Avoid strong reducing agents, soft metals, organic materials, alkalis, combustibles, heat and acids.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: Forced air, local exhaust, or open air is adequate.

Respiratory Protection: In case of confined spaces or high levels encountered in the air, wear self contained breathing apparatus.

Skin Protection: Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

Eye/Face Protection: Wear chemical goggles; also wear a face shield if splashing hazard exists.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless to pale yellow liquid

Odor: Chlorine like odor

pH: <12.0

Melting/Freezing point: No information available.

Initial boiling point and boiling range: No information available.

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Flammability (solid, gas): Non flammable

Relative density: 1.06 g/mL

Solubility in Water: Complete

Decomposition temperature: No information available.

Viscosity: 5-20 cSt at 20ºC / 68ºF

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Reactive with certain acids, reducing agents, organic materials, metals, bases and alkalis.

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: May react with incompatible materials

Conditions to Avoid: Incompatible materials and high temperatures

Incompatible Materials: Reducing agents, wood, paper and other combustibles, iron and other heavy metals, copper alloys and caustic.

Hazardous Decomposition Products: Chlorine gas and hydrogen chloride.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: YES

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: Inhalation of the mist may produce severe irritation of respiratory tract, characterized by coughing, choking, shortness of breath, headaches, dizziness, nausea, weakness and/or drowsiness.

Ingestion: Corrosive! Swallowing causes severe burns of mouth, throat, and stomach. Severe scarring of tissue, corrosion, permanent tissue destruction and death may result. Symptoms may include severe pain, nausea, vomiting, diarrhea, shock, hemorrhaging and/or fall in blood pressure. Damage may appear days after exposure.

Skin: Corrosive! Contact with skin causes irritation or severe burns and scarring with greater exposures.

Eye: Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

Potential Chronic Health Effects:

Mutagenicity: Not known to have mutagenic effects in humans or animals.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

Specific target organ effects: No known specific target organ effects.

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = 1855 mg/kg

ATE dermal = >2000 mg/kg

ATE inhalation = 1.75 mg/L

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: May be harmful to aquatic environment.

Persistence and degradability: Not expected to persist. No information available.

Bioaccumulation potential: Not expected to bioaccumlate.

Mobility in soil: No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

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Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
RCRA: If product becomes a waste, it does meet the criteria of a hazardous waste as defined by the US EPA, because of: Corrosivity D002

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

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US 49 CFR/DOT/IATA/IMDG Information:
UN No.: 1908
UN Proper Shipping Name: Chlorite solution
Transportation hazard class(es): 8
Packing Group: II

Environmental hazards: Not a Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:
TSCA information: All components are listed on the TSCA inventory.
US CERCLA Reportable quantity (RQ): Non regulated material.
SARA Title III: Acute Health Hazard

SECTION 16 - OTHER INFORMATION

Legend:
SARA: The Superfund Amendments and Reauthorization Act
RCRA: Resource Conservation and Recovery Act
TSCA: Toxic Substances Control Act
CFR: Code of Federal Regulations
DOT: Department of Transportation
ATE: Acute Toxicity Estimate

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