

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

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** OXY-DATE 2  
**Chemical Family:** Oxygen Cleaner

**Product Code:** 5324

**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.#:** 800-424-9300

## SECTION 2 - HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture:

Skin Irritation - Category 2  
 Eye Irritation - Category 2  
 Oxidizing Solids - Category 3  
 Acute Toxicity - Oral Category 5



**Signal Word:** WARNING

### Hazard Statements:

Causes skin irritation  
 Causes serious eye irritation  
 May intensify fire; oxidizer  
 May be harmful if swallowed

### Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection.  
 Take any precaution to avoid mixing with combustibles.  
 Keep/Store away from clothing/.../combustible materials.  
 Keep away from heat/sparks/open flames/hot surfaces - No smoking.  
**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.  
**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
SODIUM SULFATE	7757-82-6	10-15%
TRIACETIN	102-76-1	5-10%
SODIUM CARBONATE	497-19-8	25-35%
SODIUM PERCARBONATE	15630-89-4	45-55%

## SECTION 4 - FIRST-AID MEASURES

**Inhalation:** Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

**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 60 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 60 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. Immediately call a POISON CENTER/doctor. Continue rinsing until medical aid is available.

**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.

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**Most Important Symptoms and Effects, both Acute and Delayed:** Contact with skin/eyes can cause irritation or severe burns and scarring with greater exposures. Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

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

### SECTION 5 - FIRE-FIGHTING MEASURES

**Extinguishing Media:** Use water spray, powder, foam, carbon dioxide.

**Special hazards arising from the substance of mixture:** Product is non-combustible. On decomposition releases oxygen which may intensify fire.

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

**Hazardous Combustion Products:** May cause fire and explosions when in contact with incompatible materials.

**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:** Carefully vacuum/sweep material into a designated PLASTIC waste container. Collect in plastic containers only.

**Special spill response procedures:** Collect spills in plastic containers only

### 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:** Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.

**Incompatible Materials:** Avoid chlorine and strong reducing agents when using this product. Reducing agents, wood, paper and other combustibles, iron and other heavy metals, copper alloys and caustic.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**Respiratory Protection:** Not a respiratory irritant unless dealing with a mist form, then wear appropriate NIOSH respirator.

**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:** White powder.

**Odor:** Odorless

**pH:** 9.0-10.0 (1:100)

**Melting/Freezing point:** No information available.

**Initial boiling point and boiling range:** No information available.

**Flash Point:** No information available.

**Flammability (solid, gas):** Non flammable.

**Solubility in water:** Complete

**Decomposition temperature:** No information available.

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Reactive with bases, metals, reducing agents and combustible materials

**Chemical Stability:** Stable under normal conditions

**Possibility of Hazardous Reactions:** Reactive with oxidizing agents, reducing agents, metals, acids and alkalis.

**Conditions to Avoid:** Incompatible materials and water, moisture or humidity.

**Incompatible Materials:** Contact with acids and organic halogen compounds, especially Trichloroethylene, may causes violent reactions.

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

**Hazardous Decomposition Products:** Carbon oxides.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

**Informaiton 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:** May cause irritation to respiratory system.

**Ingestion:** May cause nausea, vomiting, abdominal pain, gastrointestinal tract burns, gastrointestinal upset and/or diarrhea.

**Skin:** May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

**Eye:** May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

**Potential Chronic Health Effects:**

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

**Carcinogenicity:** Not expected to be a carcinogen or tumorigenic.

**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 information available

**Medical conditions aggravated by overexposure:** No information available

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

ATE oral = 2460 mg/kg

ATE dermal = > 5000 mg/kg

ATE inhalation = No information available.

### SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** May be harmful to aquatic environment.

**Persistence and degradability:** Not expected to persist. Readily biodegradable.

**Bioaccumulation potential:** Not expected to bioaccumulate.

**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, DO NOT rinse container.

**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:** Not a listed RCRA hazardous waste.

### 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 Standarts are NOT identical and therefore can have varying classifications

**US 49 CFR/DOT/IATA/IMDG Information:**

UN No.: 1479

UN Proper Shipping Name: Oxidizing solid, n.o.s. (Sodium percarbonate)

Transportation hazard class(es): 5.1

Packing Group: III

**Environmental hazards:** Not a Marine Pollutant

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### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:****US CERCLA reportable quantity (RQ):** Non Regulated Material.**SARA Title III:** Fire Hazard

### SECTION 16 - OTHER INFORMATION

**Legend:****SARA:** The Superfund Amendments and Reauthorizatioin 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**Preparation date:** 2/6/2013