## **MATERIAL SAFETY DATA SHEET** OXONIUM

(non-corrosive acid)

## **OXONIUM** (non-corrosive acid)

**HAZARD RATINGS** NFPA HMIS DATA

**HEALTH** 0= MINIMAL

1= SLIGHT

**FIRE** 2=MODERATE

3=HIGH

REACTIVITY 0 4=EXTREME

#### **SECTION I**

MANUFACTURED BY: **Oxonium Corporation** 

ADDRESS: 6650 N. Locan Ave. Clovis, CALIFORNIA 93619

**EMERGENCY PHONE NUMBER:** 800-552-3787 (CERTS) CHEMICAL EMERGENCY ONLY

PHONE NUMBER FOR INFORMATION: 559-287-1988 **DATE REVISED:** May 9, 2010

NAME OF PREPARER: **SALIENT CORPORATION CLIFFORD M. CANTRELL** 

#### SECTION II HAZARDOUS INGREDIENTS/INFORMATION

	INGREDIENT	CAS NO.	OSHA PEL	ACIGH TLV	OTHER STEL	% OR RNG	S K
CAS # 12501-73-4 NOT HAZARDOUS PER O.S.H.A. UNDER 49 CFR 1910.1200							

AN '\*' UNDER 'SKIN' INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT. DOES NOT CONTAIN ANY SARA TITLE III, SECTION 313 SUBSTANCE SUBJECT TO REPORTING.

#### **EPA HAZARD CATEGORIES ACUTE HEALTH**

#### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

205°F Specific Gravity (H2O=1) 1.060 - 1.070 **Boiling Point:** 20°F Vapor Pressure (mm Hg) N/D Freezing Point Vapor Density (Air=1) N/D Evaporation Rate (Water=1) > 1

Solubility in Water: 100%

Appearance and odor: Clear liquid with bland odor.

**VOC CONTENT: NONE** 

### SECTION IV- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NONE Flammable Limits: LEL: N/A UEL: N/A

APPROPRIATE TO SURROUNDING FIRE. **Extinguishing Media:** Special Fire Fighting Procedures: APPROPRIATE TO SURROUNDING FIRE.

**Unusual Fire and Explosion Hazards:** NONE.

## **SECTION V- REACTIVITY DATA**

Stability: Stable

Incompatibility (Materials to Avoid): Do not mix with strong acids, amines, hypochlorites or strong oxidizing or reducing

agents.

**Hazardous Decomposition or Byproducts:** None known.

**Hazardous Polymerization:** Will Not Occur

# MATERIAL SAFETY DATA SHEET OXONIUM

(non-corrosive acid)

#### **SECTION VI- HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes

Health Hazards (Acute and Chronic): None known.

Carcinogenicity:

NTP? Ingredients not listed. IARC Monographs? Ingredients not listed. OSHA Regulated? Ingredients not listed.

Signs and Symptoms of Exposure:

INHALATION:
INGESTION:
Sour taste. Excessive ingestion may result in diarrhea.
SKIN CONTACT:
None expected. May irritate sensitive individuals.
EYE CONTACT:
Burning sensation. Tearing.

Medical Conditions Generally Aggravated by Exposure: None known

**Emergency and First Aid Procedures:** 

INHALATION: Remove victim to fresh air. Treat symptomatically. If breathing does not return to normal within a few

minutes, get prompt medical attention.

EYE CONTACT: Rinse eyes in clear running water for 15 minutes. If irritation results and persists, GET MEDICAL

ATTENTION.

SKIN CONTACT: Wash exposed skin with soap and water. Rinse thoroughly. Remove and wash contaminated clothing

before reuse. Discard contaminated footware.

INGESTION: Rinse mouth. If conscious administer 3 – 4 large glasses of water to dilute. Do not induce vomiting.

**CONSULT A PHYSICIAN.** 

OTHER INFORMATION: Not known to be mutagenic or carcinogenic.

#### VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:

SPILLS: FLUSH TO SANITARY SEWER. LARGER SPILLS: NUTRALIZE WITH SODIUM CARBONATE OR LIME.
Waste Disposal Method: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. WASTES

OF THIS PRODUCT DO NOT MEET US EPA RCRA DEFINITION OF HAZARDOUS WASTE BUT LOCAL

REQUIREMENTS MAY VARY.

Precautions to Be Taken in Handling and Storing: KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

## **SECTION VIII- Control Measures**

Respiratory Protection (Specify Type): Not required for normal and intended use in liquid form.

Ventilation: General exhaust as required for comfort. Protective Gloves: Rubber or neoprene.

Eye Protection: Chemical goggles with side shields.

Other Protective Clothing or Equipment: As required to reduce or prevent skin contact. Work/Hygienic Practices: Wash product from clothes and skin. Use good housekeeping practices

## **SECTION IX - Additional Information**

## ENVIRONMENTAL

BIODEGRADABILITY: BIODEGRADABLE.

WASTE DISPOSAL METHODS: DISPOSE OF IN AN AUTHORIZED WASTE FACILITY IN ACCORDANCE WITH LOCAL,

STATE AND FEDERAL REGULATIONS. UNCONTAMINATED PRODUCT DOES NOT MEED U.S. EPA DEFINATION AS A RCRA HAZARDOUS WASTE. LOCAL REGULATIONS MAY VARY.

### ADDITIONAL INFORMATION

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTY CONTAINER CLOSED TIGHTLY.

#### SARA TITLE III REPORTING REQUIREMENTS

SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES REPORTING NOT REQUIRED SECTION 304- HAZARDOUS RELEASES REPORTING NOT REQUIRED

SECTION 311- COMMUNITY RIGHT TO KNOW (R-T-K)

SECTION 312- R-T-K INVENTORY DATA

REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.

REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.

# MATERIAL SAFETY DATA SHEET OXONIUM

(non-corrosive acid)

SECTION 313- EMISSIONS AND RELEASE CERCLA

RÉPORTING NOT REQUIRED SAME AS SECTION 304

**REFERENCES** 

TOXIC SUBSTANCE CONTROL ACT LIST (TSCA) - INGREDIENTS LISTED.

PERMISSIBLE EXPOSURE REFERENCES:

REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
TITLE 29 CODE OF FEDERAL REGULATIONS
NATIONAL TOXICOLOGY PROGRAM (NTP) REPORT ON CARCINOGENS
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS

**REGULATORY STANDARDS:** 

DOT TITLE 49 CODE OF FEDERAL REGULATIONS 172.101 SARA TITLE III NUCLEAR REGULATORY AGENCY

DOT SHIPPING NAME: CHEMICAL, NOS (NOT DOT/IMO HAZARDOUS)

DOT HAZARD LABEL: NONE

THIS DOCUMENT COMPLIES WITH OSHA FORM 174 AS REQUIRED UNDER 29 CFR 1910.1200.

THE INFORMATION CONTAINED HEREIN is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.