

# SOURCE

TECHNOLOGIES

## MATERIAL SAFETY DATA SHEET

### PRODUCT INFORMATION

**Product Name:** VTX

**Formula:** This product is a proprietary catalyst.

### INGREDIENTS

**Ingredients:** Proprietary

**CAS #:** Special chemical name(s) and CAS number(s) will be a trade secret as allowed by 29 CFR 1910,1200.

### PHYSICAL DATA

**Appearance and odor:** Dark brown liquid, slightly acrid in liquid form.

**Melting point:** N/A

**Boiling point:** 106C (223F)

**Solubility:** Compete

**Specific gravity:** 1.090 ± 0.21

**pH:** 6.5 - 7.5

**Vapor pressure:** 40mmHg @ 35C.

### FIRE AND EXPLOSION INFORMATION

**Flash point:** Not applicable.

**Auto-ignition temperature:** Not applicable.

**Flammable limits in air:** Not applicable

**Extinguishing media:** Will not burn: use materials appropriate for surrounding fire.

**Unusual fire and explosion hazards:** None.

### ENVIRONMENTAL TOXICITY INFORMATION

**Daphnia (Ceriodaphnia dubia) LC50:** 144.1 mg/l

**Fathead Minnow (Pimephales promelas) LC50:** >1000 mg/l

**Algae (Selenastrum capricornutum) EC50:** 732.8 mg/l, **EC0:** 288.4 mg/l

**Biodegradability:** Readily biodegradable

### REGULATORY INFORMATION

**TSCA INVENTORY STATUS:** The VTX Catalyst is EPA/TSCA approved.

**RCRA Hazardous Material:** No

**CERCLA:** No

### HEALTH INFORMATION

**Threshold limit value:** None specifically established by OSHA. Five (5) ppm set by manufacturers as dust/mist standard.

**Eyes:** Overexposure by eye contact may include discoloration of eye tissues, eye irritation and discomfort, tearing and blurring of vision, or eye corrosion with corneal or conjunctival ulceration.

**Skin:** May cause skin irritation with discomfort, rash, or ulceration.

**Inhalation:** Overexposure by inhalation may result in irritation of the upper respiratory passages with coughing.

**Ingestion:** Ingestion may cause corrosive damage to the gastrointestinal tract. Repeated ingestion of sublethal doses may lead to excessive deposition in the tissues accompanied by pancreatic and liver damage.

#### **EMERGENCY FIRST AID PROCEDURES**

**Eyes:** Flush with water immediately and thoroughly for at least 15 minutes. Get prompt medical attention if irritation persists.

**Skin:** Remove contaminated clothing immediately and flush skin thoroughly with water. Get prompt medical attention if irritation persists.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** Do not induce vomiting. Give large quantities of water, then an antacid. Seek medical assistance promptly.

#### **REACTIVITY DATA**

**Stability:** Stable.

**Decomposition:** Will not occur.

**Incompatibility:** None known.

**Hazardous polymerization:** Will not occur.

#### **SPILL OR LEAK PROCEDURES**

**CAUTION:** Ventilation should be provided in enclosed areas. Dike area around spill to prevent spreading, and use absorbent material to pick up spill. Dispose of water in accordance with applicable federal, state, and local laws at licensed incinerators or landfills. Do not discharge to waterways or sewer systems without authority. This material is not regulated by RCRA or CERCLA (Superfund).

#### **PERSONAL PROTECTION INFORMATION**

**Eyes:** Safety glasses with side shields. Wear a face shield if possibility of material splashing or spraying exists.

**Skin:** Where there is possibility of skin contact, use the following as appropriate: gloves impervious to material, apron, boots, hood, pants and jacket.

**Respiratory:** Wear a NIOSH/OSHA approved respirator with a dust/mist cartridge if there is potential of exposure to mists in excess of applicable limits.

#### **SPECIAL PRECAUTIONS**

**Storage:** Keep container closed until use. Store at room temperature.

*The information herein is given in good faith, but no warranty expressed or implied, is made.*

#### **EMERGENCY CONTACT:**

**Call Source Technologies, LLC. representative - 8am to 5pm 859-223-1444**