

# Material Safety Data Sheet

## TRICLOSAN USP

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### ACETO CORPORATION

One Hollow Lane

Lake Success, NY 11042-1215

Phone: (516) 627-6000 Fax: (516) 627-6093

DATE PREPARED: ..... SEPTEMBER 2002

REVISION DATE: MARCH 2004

REVISED BY: FRED TRUDWIG JR.

CHEMTREC: ..... 800-424-9300

PRODUCT NUMBER: ..... 30164

PRODUCT NAME: ..... TRICLOSAN USP

SYNONYMS: ..... PHENOL, 5-CHLORO-2-(2,4-DICHLOROPHENOXY)-

FORMULA: .....  $C_{12}H_7Cl_3O_2$

CAS NUMBER: ..... 3380-34-5

### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

#### INGREDIENT NAME

Triclosan

#### CAS NUMBER

3380-34-5

### SECTION 3 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

..... Off-white crystalline powder.

..... Irritant.

**PHYSICAL HAZARDS:** N/A

#### POTENTIAL HEALTH EFFECTS:

..... **Inhalation:** May be harmful by inhalation. Material is irritating to the mucous membranes and upper respiratory tract.

..... **Eye Contact:** Material causes eye irritation.

..... **Skin Contact:** May be harmful by skin absorption. Material causes skin irritation.

..... **Ingestion:** May be harmful by ingestion.

**Overview:** May be harmful by inhalation, ingestion, or skin absorption. Material is irritating to eyes, skin mucous membranes and upper respiratory tract. Irritant.

### SECTION 4 - FIRST AID MEASURES

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**INHALATION:** Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult give oxygen.

**EYES CONTACT:** Immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers.

**SKIN CONTACT:** Immediately wash skin with soap and copious amounts of water while removing contaminated clothing and shoes. Wash contaminated clothing before reuse.

**INGESTION:** Wash mouth out with water and get medical attention. Never give anything by mouth to an unconscious person.

### SECTION 5 - FIRE - FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water Spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**UNUSUAL FIRE/EXPLOSION HAZARDS:** Emits toxic fumes of carbon monoxide, carbon dioxide and hydrogen chloride gas under fire conditions.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**SPILLS OR LEAKS:**

- ..... Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
- ..... Sweep up, place in a bag and hold for waste disposal.
- ..... Avoid raising dust.
- ..... Ventilate area and wash spill site after material pickup is complete.

### SECTION 7 - HANDLING AND STORAGE

Safety shower and eye bath. Mechanical exhaust required. Do not breathe dust. Avoid contact with eyes, skin, and clothing. Irritant. Wash thoroughly after handling. Keep containers tightly closed. Store in a cool dry place.

### SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

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**RESPIRATORY PROTECTION:** NIOSH/MSHA-approved respirator.

**PROTECTIVE CLOTHING:** Compatible chemical-resistant gloves, chemical safety goggles and other protective clothing.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Off-white crystalline powder.

**MOLECULAR WEIGHT:** 289.54

**BOILING POINT:** No information.

**MELTING POINT:** 56°C to 60°C

**VAPOR PRESSURE:** No information.

**VAPOR DENSITY (AIR=1):** No information.

**SPECIFIC GRAVITY:** No information.

**SOLUBILITY IN WATER:** No information.

**REACTIVITY IN WATER:** No information.

**FLASHPOINT:** No information.

**FLAMMABLE LIMITS:** LEL N/A UEL N/A

**AUTOIGNITION TEMPERATURE:** No information.

### SECTION 10 - STABILITY AND REACTIVITY DATA

**STABILITY:** Stable.

**INCOMPATIBILITY:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION:** Toxic fumes of carbon monoxide, carbon dioxide and hydrogen chloride gas.

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### ACUTE EFFECTS:

..... **Inhalation:** May be harmful by inhalation. Material is irritating to the mucous membranes and upper respiratory tract.

..... **Eye Contact:** Material causes eye irritation.

..... **Skin Contact:** May be harmful by skin absorption. Material causes skin irritation.

..... **Ingestion:** May be harmful by ingestion.

#### CHRONIC EFFECTS:

..... **Toxicity:** LC<sub>50</sub> (inh, rat): No information  
LD<sub>50</sub> (oral, rat): 3700 mg/kg.

..... **Target Organ(s):** No information.

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### SECTION 12 - ECOLOGICAL INFORMATION

..... **Biodegradability:** No information.

..... **Aquatic Toxicity:** No information.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations.

..... Contact a licensed professional waste disposal service to dispose of this material.

..... Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### SECTION 14 - TRANSPORTATION DATA

#### U.S. DOT 49 CFR 172.101:

**PROPER SHIPPING NAME:** Chemicals, n.o.s.

**HAZARD CLASS AND LABEL:** N/A

**ID NUMBER:** N/A

**PACKAGING GROUP:** N/A

**SPECIAL PROVISIONS:** N/A

#### LAND TRANSPORT ADR/RID:

**PROPER SHIPPING NAME:** Chemicals, n.o.s.

**ADR/RID CLASS AND LABEL:** N/A

**UN NUMBER:** N/A

**PACKAGINGGROUP:** N/A

#### AIR TRANSPORT IATA/ICAO:

**PROPER SHIPPING NAME:** Chemicals, n.o.s.

**IATA/ICAO CLASS AND LABEL:** N/A

**UN/ID NUMBER:** N/A

**PACKAGING GROUP:** N/A

#### MARITIME TRANSPORT:

**PROPER SHIPPING NAME:** Chemicals, n.o.s.

**IMDG CLASS AND LABEL:** N/A

**UN NUMBER:** N/A

**PACKAGING GROUP:** N/A

### SECTION 15 - REGULATORY INFORMATION

**TSCA=** This chemical is listed on the TSCA Inventory.

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EINECS= 222-182-2

<b>SECTION 16 - OTHER INFORMATION</b>
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<p><b>NOTE:</b> We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Aceto Corporation, it is the user's obligation to determine the conditions of safe use of the product.</p>
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