

# MATERIAL SAFETY DATA SHEET

## All Clear Solution #1 Chlorine Test1OTO (Orthotolidine)

### 1. Product And Company Identification

<b>Supplier</b> Valterra Products, Inc. 15230 San Fernando Mission Blvd. Suite 107 Mission Hills, CA 91345 USA Telephone Number: (818) 898-1671 Company Code : E392	<b>Manufacturer</b> Valterra Products, Inc. 15230 San Fernando Mission Blvd. Suite 107 Mission Hills, CA 91345 USA Telephone Number: (818) 898-1671
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800)424-9300	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800)424-9300

**Issue Date:** 12/05/2006

**Product Name:** All Clear Solution #1 Chlorine Test1OTO (Orthotolidine)

**Chemical Name:** Ortho-tolidine Dihydrochloride Solution

**CAS Number:** Not Established

**Chemical Family:** Acid Mixture

**Chemical Formula:** Proprietary

**MSDS Number:** 150

**Product Code:** Proprietary

Products

B7041.6

### 2. Composition Information On Ingredients

Ingredient Name	CAS Number		Percent Of Total Weight
HYDROCHLORIC ACID	7647-01-0	<	0.1

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).

### Hazards Identification (Pictograms)



### 3. Hazards Identification

**Primary Routes(s) Of Entry** Eye Contact, Skin Contact.

**Eye Hazards**

Causes severe eye burns.

**Skin Hazards**

Causes severe skin burns.

**Ingestion Hazards**

Corrosive to living tissue.

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### 3. Hazards Identification - Continued

#### **Inhalation Hazards**

May cause severe allergic respiratory reaction.

#### **Signs And Symptoms**

Irritation of Eyes, Skin and Respiratory Passages.

### **First Aid (Pictograms)**



### 4. First Aid Measures

#### **Eye**

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

#### **Skin**

Rinse the affected area with tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### **Ingestion**

DO NOT INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

**Inhalation** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician or a poison control center immediately.

### **Fire Fighting (Pictograms)**



### 5. Fire Fighting Measures

**Flash Point:** N/A °F

**Extinguishing Media** Use the appropriate extinguishing media for the surrounding fire.

**Fire Fighting Instructions** Water can be used to cool and protect exposed material. Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Neutralize spill area with soda ash or lime. Flood with water. Use appropriate containers to avoid environmental contamination. Use appropriate personal protective equipment (PPE).

### 7. Handling And Storage

#### **Handling And Storage Precautions**

Keep out of reach of children. Do not store with alkalis.

#### **Handling Precautions**

Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

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### 7. Handling And Storage - Continued

#### **Storage Precautions**

Avoid contact with Alkalis, Amines, and Metals. Keep out of reach of children.

#### **Work/Hygienic Practices**

Use safe chemical handling procedures suitable for the hazards presented by this material.

#### **Protective Clothing (Pictograms)**



### 8. Exposure Controls/Personal Protection

#### **Engineering Controls**

Local exhaust acceptable. Special exhaust not required.

#### **Eye/Face Protection**

Safety glasses with side shields or goggles recommended.

**Skin Protection** Chemical-resistant gloves.

#### **Respiratory Protection**

None normally required.

#### **Ingredient(s) - Exposure Limits** HYDROCHLORIC ACID

ACGIH TLV-CEILING 5 ppm

OSHA PEL-CEILING 5 ppm

### 9. Physical And Chemical Properties

#### **Appearance**

Clear liquid

#### **Odor**

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.1-1.2

**Percent Volitales:** NOT DETERMINED

**Packing Density:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**Vapor Density:** >1

**pH Factor:** 0-2

**Solubility:** Soluble in Water

**Viscosity:** NOT DETERMINED

**Evaporation Rate:** <1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

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### 10. Stability And Reactivity - Continued

#### Conditions To Avoid (Stability)

Avoid contact with strong Amines, Alkalis, and Metals. Heat can cause hydrogen chloride.

#### Incompatible Materials

Alkalis, Amines and Metals

#### Hazardous Decomposition Products

Hydrogen Chloride

### 11. Toxicological Information

No Data Available...

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

### 14. Transport Information

#### Proper Shipping Name

Hydrochloric acid solution

#### Hazard Class

8, PGIII (<1L Consumer Commodity ORM-D)

#### DOT Identification Number

UN1789

#### DOT (Pictograms)



### 15. Regulatory Information

#### Ingredient(s) - U.S. Regulatory Information

HYDROCHLORIC ACID

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

#### State Regulations

California Proposition 65: This product had been reviewed for Prop 65 components and the following applies:

Warning: This product may contain substance(s) which are known to the State of California to cause birth defects or other reproductive harm. **o-Tolidine dihydrochloride**

#### Ingredient(s) - State Regulations

HYDROCHLORIC ACID

New Jersey - Workplace Hazard New

Jersey - Environmental Hazard New

Jersey - Special Hazard

New Jersey - TCPA Extraordinarily Hazardous Substance

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

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### 15. Regulatory Information - Continued

**Ingredient(s) - State Regulations - Continued** New York City - Hazardous Substance

#### Canadian Regulatory Information

Class D, Div 1a - Poisonous or Infectious Material: immediate and serious toxic effects  
Class D, Div 2a - Poisonous or Infectious Material: other toxic effects  
Class D, Div 2b - Poisonous or Infectious Material: other toxic effects  
Class E - Corrosive Material

#### WHMIS - Canada (Pictograms)



NFPA	HMS
	HEALTH _____ 3
	FLAMMABILITY _____ 0
	REACTIVITY _____ 1
	PERSONAL PROTECTION _____ C

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 03/02/2001

#### Disclaimer

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