



JED Pool Tools, Inc.  
 1100 Penn Avenue  
 Scranton, PA 18509 - USA  
 JEDPoolTools.com

Telephone # For Information: (570) 344-4137

# MSDS

## MATERIAL SAFETY DATA SHEET

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

### 1. Product Identification

**Product Code:** 00-232-B

**Product Description:** OTO Orthotolidine Chlorine  
 Test Solution

**Manufactured By:** LaMotte Company  
 802 Washington Avenue  
 Chestertown, MD 21620

### 2. Composition/Information On Ingredients

| Hazard | CAS#/Name   | %      | PEL                                 | TLV              |
|--------|---|--------|-------------------------------------|------------------|
| Yes    | 612-82-8<br>Ortho-tolidine dihydrochloride hydrate (3,3'-Dimethylbenzidine dihydrochloride) | <0.2   | None Established                    | None Established |
| Yes    | 7647-01-0<br>Hydrochloric Acid  | <0.2   | Ceiling 5 ppm (7mg/m <sup>3</sup> ) | Ceiling 2 ppm    |
| No     | 7732-18-5<br>Water  | to 100 | None Established                    | None Established |

Product 00-331-B has been manufactured by Poolmaster, Inc. This MSDS has been created using information supplied by Poolmaster Inc. Sacramento, CA. They can be contacted toll-free at 1-800-854-1776 (local 916-567-9800), or via fax at 918-567-9880.

### 3. Hazards Overview

**Primary Route Of Entry:** Eye Skin

May cause burns. Harmful if swallowed, inhaled, or absorbed through skin.

#### HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 3      Flammability: 0      Reactivity: 0

**Carcinogenicity:** Yes: IARC

#### Other Health Related Comments:

Ortho-tolidine dihydrochloride hydrate is listed as a Group 2B carcinogen with IARC. (Group 2B=Possibly carcinogenic to humans).  
 WARNING: This product contains, Ortho-tolidine dihydrochloride, a chemical known to the State of California to cause cancer.

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#### **4. First Aid Measures**

**Eye Contact:** Immediately flush with water for 15 minutes while lifting upper and lower eyelids. Contact physician if irritation

**Skin Contact:** Immediately flush with water for 15 minutes while removing affected clothing. Contact physician. Wash clothing prior to reuse.

**Ingestion:** Do not induce vomiting. Give large quantity of water. Contact physician immediately.

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing administer artificial respiration and seek immediate medical attention.

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#### **5. Fire Fighting Measures**

**Flash Point (Method Used):** NA

**LEL:** NA

**UEL:** NA

**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, water spray, or alcohol-resistant foam

**Special Fire Fighting Procedures:** Wear protective equipment.

**Unusual Fire & Explosion Hazard:** NA

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#### **6. Accidental Release Measures**

Ventilate area and wear PPE noted in Section 8. Neutralize spill (soda ash/bicarbonate), containerize, and hold for disposal. Dispose according to federal, state, and local regulations.

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#### **7. Handling & Storage**

Keep in a tightly closed container. Store in a cool, dry, ventilated area away from incompatibles such as sunlight/heat. Protect from temperature extremes.

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## **8. Exposure Controls/Personal Protection**

### **Ventilation**

Normal

A system of local/general exhaust is recommended to keep employee exposures as low as possible.

### **Protection When Handling**

Eye Protection Gloves labcoat

**Work/Hygenic Practices:** Wash after handling. Avoid contact with eyes and skin. Do not ingest or inhale.

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## **9. Physical & Chemical Properties**

**Appearance:** Clear, colorless water-like solution

**Solubility In Water:** Soluble

**Odor:** odorless

**pH:** no information found

**Vapor Density:** no information found

**Vapor Pressure:** no information found

**Boiling Point:** 212°F

**Melting Point:** no information found

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## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** Heat, Direct Sunlight, Incompatibles

**Incompatibility (Materials To Avoid):** Strong oxidizers

**Hazardous Decomposition Products:** Hydrochloric acid/amine fumes on decomposition

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## **11. Toxicological Information**

**Target Organs:** Eyes Skin

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**12. Ecological Information**

No information found.

**13. Disposal Considerations**

Dispose according to federal, state, and local regulations.

**14. Transportation Information**

Not Regulated For Transport

**15. Regulatory Information**

**Chemical Inventory Status**

| Hazard | Ingredient                             | USA  | Europe | --- Canada --- |      | Australia | Japan |
|--------|--|------|--------|----------------|------|-----------|-------|
|        |  | TSCA | EC     | DSL            | NDSL |           |       |
| Yes    | 612-82-8<br>O-Tolidine dihydrochloride | Yes  | Yes    | Yes            | No   | No        | No    |
| Yes    | 7647-01-0<br>Hydrochloric Acid         | Yes  | Yes    | Yes            | No   | Yes       | Yes   |
| No     | 7732-18-5<br>Distilled Water           | Yes  | Yes    | Yes            | No   | Yes       | Yes   |

**Federal, State, & International Regulations**

| Ingredient                             | --- SARA 302 --- |     | ----- SARA 313 ----- |                   | CERCLA | RCRA<br>261.33 | TSCA<br>8(D) |
|--|------------------|-----|----------------------|-------------------|--------|----------------|--------------|
|  | RQ               | TPQ | Listed               | Chemical Category |        |                |              |
| 612-82-8<br>O-Tolidine dihydrochloride | No               | No  | Yes                  | No                | No     | No             | No           |
| 7647-01-0<br>Hydrochloric Acid         | 5000             | 500 | Yes                  | No                | 5000   | No             | No           |
| 7732-18-5<br>Distilled Water           | No               | No  | No                   | No                | No     | No             | No           |

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--- SARA 311/312 ---

----- Australia -----

**Hazard Categories**

**Hazchem  
Code**

**Poison  
Schedule**

**This MSDS Is  
WHMIS Compliant**

**Ingredient**

**Acute**

**Chronic**

**Fire**

**Pressure**

**Reactivity**

612-82-8

Yes

No

Yes

No

No

None Allocated

None Allocated

O-Tolidine dihydrochloride

7647-01-0

Yes

Yes

No

No

No

2R

None Allocated

Hydrochloric Acid

7732-18-5

No

No

No

No

No

None Allocated

None Allocated

Distilled Water

**product 00-232-B  
as a whole**

Yes

No

No

No

No

None Allocated

None Allocated

Yes

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**16. Other Information**

Keep out of reach of children.

WARNING: This product contains a chemical known to the State of California to cause cancer.

**Prepared By:**

**Revised:** 10/29/2009

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