



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:** 00-331-B

**Product Description:** Solution 1 Chlorine Test  
 Solution Orthotolidine

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

### 2. Composition/Information On Ingredients

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

### Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
612-82-8 O-Tolidine dihydrochloride	No	No	Yes	No	No	No	No
7647-01-0 Hydrochloric Acid	5000	500	Yes	No	5000	No	No
7732-18-5 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 00-331-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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