

Poolmaster, 770 Del Paso Road, Sacramento, California, 95834-1117, USA  
P.O. Box 340308, Sacramento, California, 95834-0308, USA  
Telephone # For Information: (916) 567-9800, (800) 854-1776

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

Outside North American Continent 813-248-0585 (Call Collect If Necessary)

### 1. Product Identification

**Product Codes** 00310, 00312, 23246, 23261, 23291, 23295,  
23296, 23298, 63261, 74301, 74304, 99331, 021220

**Manufactured By:** Poolmaster  
770 Del Paso Road  
Sacramento, California, USA 95834-1117

**Product Description:** #1 Indicator Solution

P.O. Box 340308  
Sacramento, California, USA 95834-0308

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	612-82-8 Ortho-tolidine dihydrochloride hydrate (3,3'-Dimethylbenzidine dihydrochloride)	<0.13	None Established	None Established
Yes	7647-01-0 Hydrochloric Acid	5.14	Ceiling 5 ppm (7mg/m <sup>3</sup> )	Ceiling 2 ppm
No	7732-18-5 Water	to 100	None Established	None Established

### 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.



## **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.

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## **13. Disposal Considerations**

Dispose according to federal, state, and local regulations.

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## **14. Transportation Information**

Not Regulated For Transport

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## **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 00310  
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:** 10/25/2010

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