# **POOLMASTER**<sup>®</sup>

# MSDS

**MATERIAL SAFETY DATA SHEET** 

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

Product Description: #1 Indicator Solution

Manufactured By: Poolmaster 770 Del Paso Road Sacramento, California, USA 95834-1117 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	<0.13 e (3,3'-Dimeth	None Established hylbenzidine dihydrochloride)	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 cancinogenic to humans). WARNING: This product contains, Ortho-tolidine dihydrochloride, a chemical known to the State of California to cause cancer.

# **4. First Aid Measures**

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

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

Flash Point (Method Used): NA	LEL: NA	UEL: NA		
Extinguishing Media:	Dry chemical, CO2, water spray, or alcohol-	resistant foam		
Special Fire Fighting Procedures:	Wear protective equipment.			
Unusual Fire & Explosion Hazard:	NA			

#### **<u>6. Accidental Release Measures</u>**

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.

#### 7. Handling & Storage

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

#### **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.

#### 9. Physical & Chemical Properties

Appearance:	Clear, colorless water-like solution	Vapor Density:	no information found
Solubility In Water:	Soluble	Vapor Pressure:	no information found
Odor:	odorless	<b>Boiling Point:</b>	212°F
pH:	no information found	<b>Melting Point:</b>	no information found

# 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

# **<u>11. Toxicological Information</u>**

Target Organs: Eyes Skin

# **<u>12. Ecological Information</u>**

No information found.

## **<u>13. Disposal Considerations</u>**

Dispose according to federal, state, and local regulations.

# **14. Transportation Information**

Not Regulated For Transport

#### **15. Regulatory Information**

		Chemical Inventory Status						
Hazard	Ingredient	USA TSCA	Europe EC	Canao DSL	da NDSL	Australia	Japan	
Yes	612-82-8 O-Tolidine dihydroc	Yes hloride	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

	SARA 302			SARA 313		RCRA	TSCA
Ingredient	RQ TPQ		Listed Chemical Category		CERCLA	261.33	8(D)
612-82-8 O-Tolidine dihydroch	No nloride	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

Ingredient	Acute	Haza	rd Ca	1/312 itegories Pressure	Reactivity	Austra Hazchem Code	lia Poison Schedule	This MSDS Is WHMIS Compliant
612-82-8 O-Tolidine dih	Yes ydrochlo	No ride	Yes	No	No	None Allocated	None Allocate	ed
7647-01-0 Hydrochloric A	Yes Acid	Yes	No	No	No	2R	None Allocate	ed
7732-18-5 Distilled Water	No r	No	No	No	No	None Allocated	None Allocate	ed
product 00310 as a whole	Yes	No	No	No	No	None Allocated	None Allocate	ed Yes

# **16. Other Information**

Keep out of reach of children. WARNING: This product contains a chemcial known to the State of California to cause cancer.

#### **Prepared By:**

**Revised:** 10/25/2010