

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> (As Used on Label and List) <b>POOL CARE YELLOW, RID &amp; CLEAR</b>	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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## Section I – General Information

Manufacturer's Name: <b>QUALCO, INC.</b>	Telephone Number for Information: <b>973-473-1222</b>
Address (Number, Street, City, State and ZIP Code) <b>225 Passaic Street Passaic, NJ 07055</b>	Emergency Telephone Number <b>(973) 473-1222 or (CHEMTREC) 1-800-424-9300</b>
	Date Prepared <b>MARCH 2012</b>
	Signature of Preparer (optional)

## Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium bromide (CAS #7647-15-6)	Not Est.	Not Est.		100.0%

DOT: N/A

## Section III – Physical/Chemical Characteristics

Boiling Point Decomposes at	180°F	Specific Gravity (H <sub>2</sub> O = 1) Bulk Density	>1
Vapor Pressure (mm Hg.)	Not Est.	Melting Point – Decomposes @	N/A
Vapor Density (AIR = 1)	=1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water Soluble		pH: ~7.5	

Appearance and Odor White, crystalline or granular solid/odorless

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits Non-Flammable	LEL N/A	UEL 1832°F
Extinguished Media N/A			
Special Fire Fighting Procedures: None known.			
Unusual Fire and Explosion Hazards None known.			

(Reproduce locally)

Pool Trol Yellow Rid &amp; Clear

<b>Section V – Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid: N/A
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> )			
Acids and oxidizing materials			
Hazardous Decomposition of Byproducts May liberate bromine			
Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	
<b>Section VI – Health Hazard Data</b>			
Route(s) of Entry	Inhalation? No	Skin? Yes	Ingestion? Yes
Health Hazards ( <i>Acute and Chronic</i> )			
Chronic: May increase blood and tissue levels of bromine. Repeated exposure may cause nausea, vomiting, muscular weakness, endocrine effects and 'bromine rash' an acne form of dermatitis.			
Carcinogenicity N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure:			
Eyes and Skin: Irritation, redness, burning, eye tearing.			
Ingestion: Headache, nausea, vomiting.			
Medical Conditions			
Generally Aggravated by Exposure Persons with pre-existing eye, skin and respiratory disorders may be susceptible due to the irritant nature of product.			
Emergency and First Aid Procedures			
Eyes & Skin: Flush with water for 15 minutes. For eyes or persistent skin irritation, see physician.			
Inhalation: Remove to fresh air. Call physician and aid breathing, if necessary.			
Ingestion: If conscious, induce vomiting by giving water and sticking finger down throat. Call physician immediately. Do not give anything if unconscious.			
<b>Section VII – Precautions for Safe Handling and Use</b>			
Steps to be Taken in Case Material is Released or Spilled			
Absorbant pads. Mop/shovel up to DOT approved waste containers. Keep material out of drains, sewers, waterways and soil.			
Waste Disposal Method			
Dispose of product as per all Federal, state and local regulations.			
Precautions To Be Taken In Handling And Storing			
Store in a cool, dry area with adequate ventilation. Wash thoroughly after use. Avoid contact with eyes, skin and clothing.			
Other Precautions Keep away from children and persons unfamiliar with its use. Use product only as directed. Handle empty containers as if they were full.			
<b>Section VIII – Control Measures</b>			
Respiratory Protection ( <i>Specify Type</i> )			
Not necessary under normal use conditions.			
Ventillation	Local Exhaust Adequate	Special If permissible exposure limits are exceeded, additional exhaust/ventilation is necessary.	
	Mechanical ( <i>General</i> ) Adequate	Other	
Protective Gloves Rubber	Eye Protection Do not wear contact lenses.		
Other Protective Clothing or Equipment Eye wash & safety shower in work/storage areas. Long sleeved shirt, trousers, boots and gloves to avoid unnecessary contact.			
Work/Hygienic Practices Remove contaminated clothing and launder before reuse. Wash well after use and observe good, personal hygiene.			