

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

IDENTITY (As Used on Label and List) OMEGA CHLORINE FREE SHOCK OXIDIZER	<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: QUALCO, INC.	Telephone Number for Information: 973-473-1222
Address (Number, Street, City, State and ZIP Code) 225 Passaic Street	Emergency Telephone Number (973) 473-1222 or (CHEMTREC) 1-800-424-9300
Passaic, NJ 07055	Date Prepared JANUARY 2009
	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)
Oxone monopersulfate compound	Not Est.	Not Est.		100.0%
(CAS #37222-66-5)(Potassium monopersulfate)		OTHER LIMITS	(Est. by supplier)	
		1mg/m ³	Air 8 hr. TWA	

Also Contains: Sodium Carbonate (CAS #497-19-8) and

Sodium Bicarbonate (CAS #144-55-8)

DOT: N/A

Section III – Physical/Chemical Characteristics

Boiling Point Decomposes at	760mm hg	Specific Gravity (H ₂ O = 1) Bulk Density	1
Vapor Pressure (mm Hg.)	N/A	Melting Point – Decomposes @	Decomposes
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Appreciable		pH: (1% solution): 7.4	

Appearance and Odor White, powder/granules, practically odorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits Non-Flammable	LEL N/A	UEL 1832°F
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Extinguished Media Water.

Special Fire Fighting Procedures:

Storage of large masses can trap heat and lead to ignition of paper products.

Intensive grinding or mixing can cause ignition of oxidizable material present.

Unusual Fire and Explosion Hazards

See above.

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: Heat, flammables, humidity
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) Halide containing compounds, cyanides, heavy metal salts			
Hazardous Decomposition of Byproducts Mixture with halides (e.g. sodium dichloroisocyanuride) can release chlorine gas, mix with cyanides may form hydrogen cyanide gas, mix with heavy metals can cause evolution of oxygen.			
Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>) Overexposure may initially include skin irritation, rash, eye irritation with discomfort, tearing or blurred vision, or irritation of the upper respiratory passages.			
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: GI discomfort, 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. Call physician.			
Inhalation: Remove to fresh air. Call physician and aid breathing, if necessary. Ingestion: Do not induce vomiting. Call physician. If victim is conscious, give large amounts of water to dilute product.			

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Sweep up material to clean, dry container for disposal. Flush area with large amounts of water. If approved, flush to sewer to waste treatment plant. Large quantities should be neutralized (if necessary, with soda ash) before disposal.			
Waste Disposal Method Dispose of product as per all local, state, and Federal regulations.			
Precautions To Be Taken In Handling And Storing Store in a cool, dry well-ventilated area away from combustible materials. Wear goggles, gloves, and OSHA permissible particulate removing 'dust filter' mask.			
Other Precautions Keep away from children and persons unfamiliar with its use. Use product only as directed. Handle with care.			

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>) Wear OSHA permissible particulate removing 'dust filter' mask if exposure limit is exceeded.			
Ventilation	Local Exhaust Adequate	Special If permissible limits are exceeded additional ventilation/exhaust is necessary.	
	Mechanical (<i>General</i>) Adequate	Other	
Protective Gloves	Impervious	Eye Protection	Do not wear contact lenses. Use chemical safety goggles.
Other Protective Clothing or Equipment Eye wash & safety shower in work/storage areas. Uniform or coverall, and boots to minimize contact with product.			
Work/Hygienic Practices Remove contaminated clothing and launder before reuse. Wash well after use and observe good, personal hygiene.			