

# MATERIAL SAFETY DATA SHEET

## OMEGA PHOSPHATE REMOVER

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:	Qualco, Inc.
Corporate Address:	225 Passaic Street / Passaic, NJ 07055
Manufacturer's Telephone:	973-473-1222
Emergency Telephone:	800-424-9300 (Chemtrec)(24 hours)
Material/Trade Product Name:	Omega Phosphate Remover
Synonyms:	None
Chemical Name:	Proprietary
Chemical Formula:	Proprietary
CAS No.:	Not Applicable
EPA Registration No.	Not Applicable
Product Use:	Removes phosphates from swimming pool water

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	COMPONENT	%	OSHA HAZARDOUS
Proprietary	Lanthanum salt derivative	35-65	Yes
	All other components are non-hazardous	35-65	No

*Note: See Section 8 for permissible exposure limits*

### SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	Clear to light orange liquid. Can cause irritation to exposed areas of body. Severity of injury depends largely on duration of exposure. Immediate action is necessary to limit severity of injury. Hydrogen chloride will be produced from decomposition.
<b>POTENTIAL HEALTH EFFECTS:</b>	
EYE:	May cause irritation
SKIN:	Not likely to cause skin irritation
INHALATION:	Should not be harmful if inhaled
INGESTION:	Possible irritant if swallowed
CHRONIC EXPOSURE / CARCINOGENICITY:	This substance not listed as a potential carcinogen by IARC.
SIGNS AND SYMPTOMS OF OVEREXPOSURE:	Eye irritation
AGGRAVATION OF PRE-EXISTING CONDITIONS:	None Known.

### POTENTIAL ENVIRONMENTAL EFFECTS:

None known.

### SECTION 4: FIRST AID MEASURES

<b>FIRST AID PROCEDURES</b>	
EYE CONTACT:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting eyelids occasionally. Get medical attention at once.
SKIN CONTACT:	Remove contaminated clothing and immediately wash exposed area for 15 minutes. Get medical attention if necessary.
INHALATION:	Move to fresh air. If breathing has stopped, administer artificial respiration. Get medical attention immediately.

SECTION 4: FIRST AID MEASURES (con't)				
INGESTION:		Give large amounts of water. Do not induce vomiting. Get medical attention immediately.		
NOTE TO PHYSICIAN:		None.		
SECTION 5: FIRE FIGHTING MEASURES				
FLASH POINT:		Not Available	AUTOIGNITION TEMPERATURE:	Not Available
UPPER FLAMMABLE LIMIT		Not Available	LOWER FLAMMABLE LIMIT	Not Available
FLAMMABILITY CLASS (OSHA):		Not Applicable	FLAME PROPAGATION/BURNING RATE:	Not Available
UNIQUE FIRE PROPERTIES:				
HCl is produced.				
HAZARDOUS COMBUSTION PRODUCTS:				
HCl is produced.				
EXTINGUISHING MEDIA:				
Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.				
PROTECTION OF FIREFIGHTERS:				
Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.				
SECTION 6: ACCIDENTAL RELEASE MEASURES				
PERSONAL PROTECTIVE EQUIPMENT:			See Section 8 (Personal Protective Equipment)	
ENVIRONMENTAL PRECAUTIONS:			None	
METHODS FOR CLEANING UP:			Contain large spills and pump to recover. Small spills can be mopped up and recovered.	
SECTION 7: HANDLING AND STORAGE				
SAFE HANDLING RECOMMENDATIONS				
VENTILATION:		Use general ventilation		
FIRE PREVENTION:		Not flammable		
SPECIAL HANDLING REQUIREMENTS:		Use appropriate PPE		
SAFE STORAGE RECOMMENDATIONS				
CONTAINMENT:		Secondary containment is recommended		
STORAGE ROOM RECOMMENDATIONS:		Store in a cool, dry place.		
INCOMPATIBLE MATERIALS:		None known.		
STORAGE CONDITIONS:		Store in cool, dry place. Keep container closed when not in use; keep out of the reach of children.		
SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION				
ENGINEERING CONTROLS:		General Ventilation		
PERSONAL PROTECTIVE EQUIPMENT (PPE)				
EYE/FACE PROTECTION:		Safety glasses are recommended under normal conditions		
SKIN PROTECTION:		Avoid contact with skin		
HAND PROTECTION:		Chemical resistant gloves are recommended to minimize potential inhalation from handling.		
RESPIRATORY PROTECTION:		None required where adequate ventilation conditions exist.		

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

GOOD HYGIENE/WORK PRACTICES:	Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.
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**EXPOSURE GUIDELINES****PERMISSIBLE EXPOSURE LIMITS**

INGREDIENT CAS NO.	OSHA		WISHA		ACGIH (TLV)	
	TWA	STEL	TWA	STEL	TWA	STEL
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	5 mg/m <sup>3</sup>	Not applicable

**SECTION 9: STABILITY AND REACTIVITY**

COLOR:	Clear to Light Orange	SHAPE:	Liquid
PHYSICAL FORM:	Liquid	ODOR:	None
pH:	Not applicable	VAPOR PRESSURE:	Not known
VAPOR DENSITY:	4.10	BOILING POINT:	Not known
MELTING POINT:	Not known	FREEZING POINT:	Not known
SOLUBILITY IN WATER	Fully Soluble	SPECIFIC GRAVITY	1.6

*NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.*

**SECTION 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:	Stable
CONDITIONS TO AVOID:	None known
MATERIALS TO AVOID (INCOMPATIBILITY):	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	Hydrogen Chloride
HAZARDOUS POLYMERIZATION:	Will not occur

**SECTION 11: TOXICOLOGICAL INFORMATION**

ORAL LD <sub>50</sub> (rat):	Not available
DERMAL LD <sub>50</sub> (rabbit):	Not available
DERMAL LD <sub>50</sub> (rat):	Not available
SKIN IRRITATION:	No signs or erythema or edema were noted at any observation point. Based upon the evaluation criteria of the protocol, this substance is considered a non-irritant.
EYE IRRITATION:	Not available
SKIN SENSITIZATION:	Not available
ADDITIONAL INFORMATION:	Not applicable

**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY (in water):	Not available
MOBILITY:	Not available
PERSISTENCE & DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available
ADDITIONAL INFORMATION:	Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

*NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.*

### SECTION 14: TRANSPORT INFORMATION

#### U.S. DEPARTMENT OF TRANSPORTATION (DOT)

*When transported by motor vehicles, rail cars or aircraft in 119 gallon or less containers:*

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not regulated

IDENTIFICATION NUMBER (UN NUMBER): Not regulated

PACKING GROUP (PG): Not regulated

### SECTION 15: REGULATORY INFORMATION

TSCA STATUS: Components are listed

#### CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME RQ

Not applicable Not applicable

#### SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS)

CHEMICAL NAME TPQ RQ

Not applicable Not applicable Not applicable

#### SARA TITLE III SECTION 311/312 HAZARD CATEGORIES:

Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
Yes	No	No	No	No

#### SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME CAS NO. CONCENTRATION (%)

Not applicable Not applicable Not applicable

#### CALIFORNIA PROPOSITION 65:

The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity.

CHEMICAL NAME CHEMICAL NAME CHEMICAL NAME

Not applicable Not applicable Not applicable

### SECTION 16: OTHER INFORMATION

#### REVISED INFORMATION:

MSDS section(s) changed since last revision of document: Section 13. Designation of product waste was changed from hazardous waste to non-hazardous waste.

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MSDS prepared by: Lab