

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 ALKALINITY INCREASER	<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>
---	---------------------------------------	--

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)
N/A				100.0%
Contains Sodium Bicarbonate (CAS #144-55-8)				
D.O.T. N/A				

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1) Bulk Density	45-65 lb/ft ³
Vapor Pressure (mm Hg.)	N/A	Melting Point – Decomposes @	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Complete		pH: (As Is): 12.0	
Appearance and Odor	White, granular material, 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
Extinguished Media This product is considered an extinguishing agent. Use water or appropriate for surrounding fire.			
Special Fire Fighting Procedures: Use full gear and SCBA as with any chemical fire. Carbon dioxide released when heated.			
Unusual Fire and Explosion Hazards None. See above.			

(Reproduce locally)

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: N/A
	Stable	X	

Incompatibility (*Materials to Avoid*)

Contact with acids will release carbon dioxide gas.

Hazardous Decomposition of Byproducts Carbon dioxide gas

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 (*Acute and Chronic*)

Acute: May cause irritation to eye, skin, lungs, etc.

None known.

Carcinogenicity N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
---------------------	----------	----------------------	---------------------

Signs and Symptoms of Exposure: Eye & Skin: Irritation, burning, redness, eye tearing.

Inhalation: Coughing, irritation to nose throat, mouth, etc.

Ingestion: May irritate mouth, stomach, etc. Although low in toxicity, can be harmful.

Medical Conditions

Generally Aggravated by Exposure Persons with pre-existing eye, skin and respiratory disorders may be susceptible due to irritant nature of product.

Emergency and First Aid Procedures

Eyes & Skin: Flush with water for 15 minutes. For eyes, see physician.

Inhalation: Move to fresh air. Drink water to clear throat and blow nose.

Ingestion: Drink large quantity of water to dilute product and seek medical attention.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Shovel up dry material into an empty container and close.

Remaining residue can be flushed with plenty of water to sewer if permitted by regulations.

Waste Disposal Method

Preferred method is by landfill or by neutralization (using acid) and flushing to sewer if permitted by regulations.

Precautions To Be Taken In Handling And Storing

Store in a cool, dry area away from acidic materials. Prolonged storage can cause product to cake due to atmospheric moisture.

Other Precautions

Keep away from children and persons unfamiliar with its use.

Section VIII – Control MeasuresRespiratory Protection (*Specify Type*)

Not necessary under normal conditions. If dusting prevails, use NIOSH dust respirator.

Ventillation	Local Exhaust Adequate	Special Additional exhaust/ventilation if excessive dusting occurs.
	Mechanical (<i>General</i>)	Other

Protective Gloves for solution.	Cotton gloves for dry. Impervious gloves	Eye Protection Do not wear contact lenses. Use safety glasses.
---------------------------------	--	---

Other Protective Clothing or Equipment Eye wash & safety shower in work/storage areas. Wear full cover clothing as necessary to minimize contact with product. Wear apron where splashing may occur when working with solution.

Work/Hygienic Practices Remove contaminated clothing and launder before reuse. Wash well after use and observe good, personal hygiene.