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

Note: Blank spaces are not permitted. If any item is not applicable, or no

IDENTITY (As Used on Label and List)	OMEGA pH MINUS	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.						
Section I Consul Information	ph wiinos							
Section I – General Information Manufacturer's Name:		Telephone Number	for Information:					
QUALCO, INC.		Telephone Number for Information: 973-473-1222						
Address (Number, Street, City, State and ZIP Code)		Emergency Telephone Number						
225 Passaic Street	(973) 473-1222 or (CHEMTREC) 1-800-424-9300							
Passaic, NJ 07055	Date Prepared JANUARY 2009							
		Signature of Preparer (optional)						
Section II Hozardous Ingradios	oto/Idontity Infor	mation						
Section II – Hazardous Ingredier Hazardous Components (Specific Chemical Identity	/: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (optional)			
()	(-)	Note Est.	Not. Est.	Recommended	100.0%			
Sodium Bisulfate (CAS #7681-38-1)		Note Est.	NOLESI.		100.0%			
(Nitre cake/GBS)								
DOT Hazard Class: N/A UN 1821								
Section III - Physical/Chemical	Characteristics							
Boiling Point	N/A	Specific Gravity (H ₂	O = 1) Bulk Density		83 lb./ft ³			
Vapor Pressure (mm Hg.)	N/A	Melting Point – Decomposes @			350°F			
Vapor Density (AIR = 1)	N/A	Evaporation Rate N/A			N/A			
			(Butyl Acetate = 1) pH: (10% slurry): Approx. 2.0					
Solubility in Water Complete		pr.i. (1070 sidiry). 7						
Appearance and Odor Off-white, bead-like,	granular, dry mate	rial.						
Section IV – Fire and Explosion								
Flash Point (Method Used) N/A	Flammable Limits Non-Flammable	LEL N/	A	UEL N/A				
Extinguished Media Water or dry chemical appropriate for	•			l				
		fire, contact with	n product (water)	will form sulfu	ric acid			
Special Fire Fighting Procedures: If water is used for surrounding fire, contact with product (water) will form sulfuric acid. Wear SCBA and acid protective equipment. Elevated temperatures above 570°F will cause hazardous fumes or								
sulfur dioxide and sulfur trioxide. Wear full SCBA gear.								
Unusual Fire and Explosion Hazards								
Product readily dissolves in water to form weak sulfuric acid solution. No gases or toxic fumes are emitted from								
this reaction, but precautions for expo	sure to sulfuric acid	d should be follo	wed.					

Omega pH Minus

Section V -	Reactivity Data							
Stability	Unstable		Conditions to Avoid: Store in dry area to avoid moisture contact.					
	Stable	X						
	erials to Avoid) Material w materials such as ca		with water	to form we	eak sulfuric a	acid solution. Avoid contact with		
Hazardous Decomposition of Byproducts								
	eated over 570°F at w	hich su			r trioxide are	formed.		
Hazardous Polymerization	· ·	May Occur		Avoid N/A				
	Will Not Occur	X						
	Health Hazard Data							
Route(s) of Entry	Inhalation	? Yes	SI	kin? Yes		Ingestion? Yes		
Health Hazards (Acute and Chronic) Acute: Will cause skin and eye burns if not flushed with water. Will also burn with inhalation and ingestion.								
Continued exp	osure may cause skir	derma	titis and da	ımage, and	d conjunctivit	is to the eyes.		
Carcinogenicity N	/A NTP? N	/A	IA	RC Monograp	ohs? N/A	OSHA Regulated? N/A		
	ns of Exposure: Eyes and	Skin: Ir	ritation, red	ness, burr	ning, eye tear	ring.		
Inhalation: May irritate or burn nose, throat and lungs.								
Ingestion: May	rirritate or burn mouth	, esopl	nagus, or st	omach. M	ay cause na	usea and vomiting.		
Generally Aggravate	ed by Exposure Persons V	vith pre	existing ey	/e, skin an	d respiratory	disorders may be susceptible to		
aggravation due to the irritant nature of product.								
Emergency and Firs	st Aid Procedures Eyes & S	kin: Fl	ush with wa	iter for 15	minutes. See	e physician.		
Inhalation: Rei	move to fresh air. If irr	itation _l	persists, ge	t medical a	attention.			
•	• .				of magnesia	a, vegetable oil, or beaten egg whites.		
	ce vomiting. Get imme							
Section VII – Precautions for Safe Handling and Use								
Steps to be Taken in Case Material is Released or Spilled Dry granular spill can be swept up from surfaces. For a larger spill, neutralize balance of material left after								
						ralized and allowed by Federal, state		
and local regu		ori, aric	a wasii aow	ii to sewe	i only ii neat	ranzed and anowed by I ederal, state		
Waste Disposal Me	thod							
Follow all local, state and Federal regulations regarding disposal.								
Preferred method is by secured landfill or approved contractor.								
Precautions To Be Taken In Handling And Storing								
Store in a cool, dry well-ventilated area away from moisture and alkaline materials.								
Other Developer Koop guray from abildren and paragna unfamiliar with its use. Wear proper protective seem the								
Other Precautions Keep away from children and persons unfamiliar with its use. Wear proper protective gear. Use product only as directed. Handle with care.								
Section VIII – Control Measures								
Respiratory Protection (Specify Type)								
Wear NIOSH/I	MSHA approved dust	respira	tor if dusty of	conditions	exist.			
Ventillation I	Local Exhaust				Special			
 	Mechanical (General)				Other			
	Adequate							
Protective Gloves	Rubber or plastic				tection Do not	wear contact lenses. Use chemical face shield.		
Other Protective Clothing or Equipment Eye wash & safety shower in work/storage areas. Uniform or coverall, or lab coat or								
similar to minimize contact with product.								
Work/Hygienic Practices Remove contaminated clothing and launder before reuse. Wash well after use and observe								
good, personal hygiene.								