

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) SPLASH ALGAECIDE 5.0	<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 Passaic, NJ 07055	Emergency Telephone Number (973) 473-1222 or (CHEMTREC) 1-800-424-9300
	Date Prepared FEBRUARY 2004
	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-Alkyl Dimethyl Benzyl Ammonium Chloride (CAS #68391-01-5)	Not Est.	Not Est.		
N-Dialkyl Methyl Benzyl Ammonium Chloride (CAS #73049-75-93-0)	Not Est.	Not Est.		

Also contains: Dense soda ash (CAS #497-19-8), Tetrasodium EDTA (CAS #64-02-8)

Water (CAS #7732-18-5), Solophenyl turquoise (CAS #1330-38-7) and Antifoam (CAS #N/A-Trade Mix)

D.O.T. N/A

Material considered a skin and severe eye irritant

EPA Registered Pesticide 3525-106-42052

Section III – Physical/Chemical Characteristics

Boiling Point	App. 200°F	Specific Gravity (H ₂ O = 1) Bulk Density	< 1
Vapor Pressure (mm Hg.)	ND	Melting Point – Decomposes @	N/A
Vapor Density (AIR = 1)	ND	Evaporation Rate (Butyl Acetate = 1)	> 1
Solubility in Water Moderate	pH: (As Is): 12.0		

Appearance and Odor Clear, blue liquid with a slightly sweet odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) Non-Flammable	Flammable Limits Non-Flammable	LEL N/A	UEL N/A
Extinguished Media Water or appropriate for surrounding fire.			
Special Fire Fighting Procedures: None Known.			

Unusual Fire and Explosion Hazards
None known.

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: Strong oxidizing agents
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) Soap, Anionic materials, Chlorine (bleaches)			
Hazardous Decomposition of Byproducts Carbon dioxide, Carbon monoxide, Ammonia, Nitrous oxides, Hydrogen chloride			
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>) Acute: May include severe eye damage and skin irritation with contact. Chronic: May include skin dermatitis with long term exposure.			
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: Vapor or mist may cause nausea, loss of motor skills, vomiting, disorientation. Ingestion: Nausea, vomiting, headache.			
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 plenty of water for at least 15 minutes. Get medical attention. Inhalation: Move to fresh air. Get medical attention if necessary. Ingestion: If conscious, drink large quantities of water, milk, egg whites, or gelatin solution. Avoid alcohol. Call physician immediately. Do not induce vomiting. Measures against shock, and circulatory depression may be necessary.			
Section VII – Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled Use inert material such as dirt or absorbent pads to absorb most of spill. Place in trash. Rinse area with plenty of water and flush to sewer if permitted by regulation. Use Caution. Material may be slippery.			
Waste Disposal Method Sanitary landfill preferred. Follow all local, state, and Federal regulations regarding product disposal.			
Precautions To Be Taken In Handling And Storing Store in a cool, dry, well-ventilated area away from reactive materials and keep from freezing. Avoid contact with skin and eyes.			
Other Precautions Keep away from children and inaccessible to persons unfamiliar with its use.			
Section VIII – Control Measures			
Respiratory Protection (<i>Specify Type</i>) NIOSH or MSHA approved respirator, if vapors are present.			
Ventillation	Local Exhaust		Special
	Normally Adequate		
	Mechanical (<i>General</i>)		Other
Protective Gloves	Impervious Material	Eye Protection	Use chemical safety goggles or face shield.
Other Protective Clothing or Equipment Eye wash & safety shower in work/storage areas. Wear full cover clothing as necessary to minimize contact with product.			
Work/Hygienic Practices Remove contaminated clothing and launder before reuse. Wash well after use and observe good, personal hygiene.			