



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MSDS NUMBER

MANUFACTURER'S NAME & MAILING ADDRESS <b>Aqua Systems, Inc.</b> P.O. BOX 397 Arroyo Grande, CA 93421 EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) <b>800-535-5053</b>	PREPARED BY <b>Dana A. Nafziger</b>	SIGNATURE  TITLE <b>Safety Supervisor</b>	DATE <b>04/17/00</b>
PRODUCT INFORMATION TELEPHONE NO. (8-5 PST) <b>805-489-9250</b>			

## SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME <b>NATURAL ORANGE</b>			
PRODUCT DESCRIPTION <b>CITRUS SCENTED CLEANER AND DEGREASER</b>		FORMULA <b>Proprietary</b>	CHEMICAL FAMILY <b>NA</b>
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME <b>NA</b>		
	SHIPPING ID NUMBER <b>NA</b>	HAZARD CLASS <b>NA</b>	

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT <b>212F</b>	SPECIFIC GRAVITY <b>1.0</b>	PHYSICAL FORM <b>Liquid</b>	COLOR <b>Orange</b>
VAPOR PRESSURE (mm Hg) <b>N/E</b>	MELTING POINT <b>NA</b>	SOLUBILITY IN WATER <b>Complete</b>	SCENT <b>Citrus</b>
VAPOR DENSITY (AIR = 1) <b>N/E</b>	EVAPORATION RATE (BUTYL ACETATE = 1) <b>NA</b>	pH 2500 ppm SOLUTION	pH CONCENTRATE <b>11.5</b>
OTHER			

## SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME: COMMON NAME)	OSHA PEL	ACGIH TLV	CAS NUMBER	PERCENT
<b>Sodium Metasilicate</b>	<b>2mg/M3</b>	<b>2mg/M3</b>	<b>6834-92-0</b>	<b>4</b>

NFPA RATING:  
**HEALTH: SLIGHT FIRE: INSIGNIFICANT REACTIVITY: INSIGNIFICANT**

HMIS RATING:  
**NA**

CARCINOGENICITY:  
**NONE**

(CONTINUED ON REVERSE SIDE)

### SECTION 5 - SAFE USAGE DATA

<b>PROTECTIVE EQUIPMENT TYPES</b>	<b>EYES</b>	Goggles or Face Shield.	
	<b>RESPIRATORY</b>	Not normally required with good ventilation.	<b>GLOVES</b> Neoprene or butyl rubber gloves.
	<b>OTHER</b>	Apron, Safety Shoes and Full Length Clothing.	
<b>VENTILATION</b>	<b>GENERAL MECHANICAL</b>	General Room Ventilation	
	<b>LOCAL EXHAUST</b>	Use local mechanical ventilation or open window, doors and/or vents.	
<b>PRECAUTIONS</b>	<b>HANDLING &amp; STORAGE</b>	Store in cool, dry, well ventilated areas. Keep containers tightly closed when not in use.	
		Wash thoroughly after handling.	

### SECTION 6 - HEALTH HAZARD DATA

<b>EFFECTS OF EXPOSURE</b>	<b>INHALATION</b>	May cause irritation. Prolonged exposure may cause severe damage to the respiratory tract and lungs.		
	<b>INGESTION</b>	Can cause irritation and burn to mouth, throat, and digestive tract.		
	<b>SKIN &amp; EYES</b>	Will burn skin and eyes. If left untreated will cause severe damage to skin and cornea.		
	<b>ACUTE &amp; CHRONIC</b>	Eye, skin, digestive tract, or respiratory tract damage may result.		
<b>ROUTES OF ENTRY</b>	<input checked="" type="checkbox"/> INGESTION	<input checked="" type="checkbox"/> SKIN	<input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYES	<b>TARGET ORGANS</b> EYES, SKIN AND LUNGS
			<input checked="" type="checkbox"/> INHALATION	

### SECTION 7 - PHYSICAL HAZARD DATA

<b>FLAMMABILITY</b>	LEL = NA UEL = NA	<b>FLASH POINT</b> NONE	<b>METHOD USED</b> NA
<b>STABILITY</b>	<input checked="" type="checkbox"/> STABLE	<b>CONDITIONS TO AVOID</b> Excessive heat or cold.	
	<input type="checkbox"/> UNSTABLE	<b>HAZARDOUS DECOMPOSITION PRODUCTS</b> NONE	
<b>HAZARDOUS POLYMERIZATION</b>	<input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	<b>CONDITIONS TO AVOID</b> NA	
<b>INCOMPATIBILITY</b>	<b>MATERIALS TO AVOID</b> Acids and Oxidizers.		

### SECTION 8 - EMERGENCY RESPONSE DATA

<b>FIRE</b>	<b>EXTINGUISHING MEDIA</b>	Use fire extinguishing agents suitable for source of fire.
	<b>SPECIAL PROCEDURES</b>	Not combustible. Self contained breathing apparatus and full protective clothing.
	<b>UNUSUAL HAZARDS</b>	May be corrosive and may foam.
<b>FIRST AID MEASURES</b>	<b>INGESTION:</b>	Do not induce vomiting. Drink large quantities of water and get immediate medical attention.
	<b>SKIN:</b>	Flush with water for 15 minutes. Remove contaminated clothing. If irritation persists, consult a physician.
	<b>EYES:</b>	Flush with water immediately for 15 minutes. Seek medical attention immediately.
<b>SPILLS</b>	<b>STEPS TO BE TAKEN</b>	Alkaline resistant clothing, eye and skin protection. Keep out of sewers, storm drains and surface water.
		Flush with water and containerize for disposal.
<b>RO =</b>	NA	

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