



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MANUFACTURER'S NAME & MAILING ADDRESS Aqua Systems, Inc. P.O. BOX 397 Arroyo Grande, CA 93421 <small>EMERGENCY TELEPHONE NO. (24 HOUR SERVICE)</small> 800-535-5053	PREPARED BY Dana A. Nafziger TITLE Safety Supervisor	<small>MSDS NUMBER</small> SIGNATURE 	DATE 04/17/00 <small>PRODUCT INFORMATION TELEPHONE NO. (8-6 Pst)</small> 805-489-9250
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SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME CITRUS BLAST		
PRODUCT DESCRIPTION LAUNDRY DETERGENT		FORMULA Proprietary
		CHEMICAL FAMILY NA
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME NA	
	SHIPPING ID NUMBER NA	HAZARD CLASS NA

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

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

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

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

HMIS RATING:
 NA

CARCINOGENICITY:
 NONE

(CONTINUED ON REVERSE SIDE)

SECTION 5 - SAFE USAGE DATA

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

SECTION 6 - HEALTH HAZARD DATA

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

SECTION 7 - PHYSICAL HAZARD DATA

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

SECTION 8 - EMERGENCY RESPONSE DATA

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

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR PROCESS. THE DATA CONTAINED IS BELIEVED TO BE ACCURATE. HOWEVER, SINCE USE CONDITIONS VARY AND ARE OUTSIDE OUR CONTROL, AQUA SYSTEMS, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED AND ASSUMES NO LIABILITY FOR FAILURE TO FOLLOW PRODUCT USE DIRECTION AND SAFETY PRECAUTIONS