



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MSDS NUMBER

MANUFACTURER'S NAME & MAILING ADDRESS Aqua Systems, Inc. P.O. BOX 397 Arroyo Grande, CA 93421 EMERGENCY TELEPHONE NO. (24 HOUR SERVICE) 800-535-5053	PREPARED BY Dana A. Nafziger	SIGNATURE TITLE Safety Supervisor	DATE 04/15/01
PRODUCT INFORMATION TELEPHONE NO. (8-5 PST) 805-489-9250			

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME AQUA SOUR			
PRODUCT DESCRIPTION LAUNDRY SOUR		FORMULA Proprietary	CHEMICAL FAMILY NA
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME NA		HAZARD CLASS NA
	SHIPPING ID NUMBER NA		

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 200F	SPECIFIC GRAVITY 1.55	PHYSICAL FORM Liquid	COLOR Clear
VAPOR PRESSURE (mm Hg) 20	MELTING POINT 30F	SOLUBILITY IN WATER Complete	SCENT
VAPOR DENSITY (AIR = 1) 2.6	EVAPORATION RATE (BUTYL ACETATE = 1) NA	pH 2500 ppm SOLUTION 4	pH CONCENTRATE
OTHER			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME: COMMON NAME)	OSHA PEL	ACGIH TLV	CAS NUMBER	PERCENT
Phosphoric Acid	1	1	5329-14-6	
Ammonium Bifluoride	2.5	2.5	1341-49-7	

NFPA RATING:
HEALTH: SLIGHT FIRE: NONE 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 Rubber gloves.
	OTHER	Apron, gloves, goggles, protective shoes for spills.	
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.	
	INGESTION	Can cause irritation	
	SKIN & 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 type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYES <input checked="" type="checkbox"/> INHALATION	TARGET ORGANS	EYES, SKIN AND LUNGS

SECTION 7 - PHYSICAL HAZARD DATA

FLAMMABILITY	LEL = NA UEL = NA	FLASH POINT 270F	METHOD USED NA
STABILITY	<input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID Excessive heat.	
	<input type="checkbox"/> UNSTABLE	HAZARDOUS DECOMPOSITION PRODUCTS NONE	
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID NA	
INCOMPATIBILITY	MATERIALS TO AVOID Alkalies, oxidizers, reducing agents.		

SECTION 8 - EMERGENCY RESPONSE DATA

FIRE	EXTINGUISHING MEDIA	Use fire extinguishing agents suitable for source of fire. Water, foam, dry CO2.
	SPECIAL PROCEDURES	Self contained breathing apparatus and full protective clothing.
	UNUSUAL HAZARDS	Possibility of hydrogen gas formation. Caution using water.
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.
RO =	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.