



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER OR SUPPLIER DATA

MSDS NUMBER

7028

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 1/26/2000
PRODUCT INFORMATION TELEPHONE NO. (8-5 PST) 805-489-9250			

SECTION 2 - IDENTITY OF MATERIAL

PRODUCT NAME SOIL BUSTER BREAK			
PRODUCT DESCRIPTION Liquid laundry builder.		FORMULA Proprietary	CHEMICAL FAMILY
REGULATED IDENTIFICATION	DOT PROPER SHIPPING NAME Sodium Hydroxide Solution		
	SHIPPING ID NUMBER UN 1824	HAZARD CLASS Class 8	

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 219F	SPECIFIC GRAVITY 1.24	PHYSICAL FORM Liquid	COLOR Clear / Pale yellow
VAPOR PRESSURE (Air = 1) NA	MELTING POINT NA	SOLUBILITY IN WATER Complete	SCENT Bland Odor
VAPOR DENSITY (AIR = 1) NA	EVAPORATION RATE (Water = 1) NA	pH 2500 ppm SOLUTION NA	pH CONCENTRATE 7.5% Solution - 13.0 PH
OTHER Volatile : NA			

SECTION 4 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL NAME: COMMON NAME)	OSHA PEL	ACGIH TLV	CAS Number	PERCENT
Sodium Hydroxide	NE	NE	1310-73-2	

NFPA RATING:
Health : Serious; Fire : Minimal; Reactivity : Serious.

HMIS RATING:

CARCINOGENICITY:
None

(CONTINUED ON REVERSE SIDE)

SECTION 5 - SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES	EYES	Goggles and Face Shield.	
	RESPIRATORY	None normally required.	GLOVES Wear chemical resistant gloves.
	OTHER	As needed to avoid contact with skin and eyes. Eyewash Fountain.	
VENTILATION	GENERAL MECHANICAL	Maintain adequate ventilation.	
	LOCAL EXHAUST	Maintain adequate ventilation.	
PRECAUTIONS	HANDLING & STORAGE	Store in cool, dry, well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin and eyes.	

SECTION 6 - HEALTH HAZARD DATA

EFFECTS OF EXPOSURE	INHALATION	None known.	
	INGESTION	Cause severe burns to mucous membranes of the mouth, throat, esophagus and stomach.	
	SKIN	Contact produces severe burns and destroys tissues. Irritation may be delayed.	
	EYES	Causes severe burns that result in damage to the eyes and possible blindness.	
ROUTES OF ENTRY	<input checked="" type="checkbox"/> INGESTION	<input checked="" type="checkbox"/> SKIN	<input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYES <input type="checkbox"/> INHALATION
			TARGET ORGANS Eyes, skin and mucous membranes.

SECTION 7 - PHYSICAL HAZARD DATA

FLAMMABILITY	LEL = NA	FLASH POINT	METHOD USED
	UEL = NA	Non-Combustible	C.C.C.
STABILITY	<input type="checkbox"/> STABLE	CONDITIONS TO AVOID Aluminum, tin, zinc, alloys containing these. Add to water or acids slowly.	
	<input checked="" type="checkbox"/> UNSTABLE	HAZARDOUS DECOMPOSITION PRODUCTS None currently known.	
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> MAY OCCUR	CONDITIONS TO AVOID	
	<input checked="" type="checkbox"/> WILL NOT OCCUR	None currently known.	
INCOMPATIBILITY	MATERIALS TO AVOID Never add water or acids to the product. Always add product to the water.		

SECTION 8 - EMERGENCY RESPONSE DATA

FIRE	EXTINGUISHING MEDIA	Foam, carbon dioxide or dry chemical may be used where this product is stored.
	SPECIAL PROCEDURES	Wear full protective clothing.
	UNUSUAL HAZARDS	None Known.
FIRST AID MEASURES	INGESTION:	Give large quantities of water. Get medical attention immediately. Never give anything to an unconscious person. If swallowed, do not induce vomiting.
	SKIN:	Immediately wash with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention immediately.
	EYES:	Immediately wash with plenty of water for at least 15 minutes. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention immediately.
SPILLS	STEPS TO BE TAKEN	Dike liquid and recover as much as possible into drums. Flush the residue to the drains with plenty
RO =		of water if permitted by local, state and federal government. Not an EPA Hazardous waste. Dispose
		of in an approved landfill or facility. Comply with all local, state, and federal regulations.

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.