

**MATERIAL SAFETY DATA SHEET**Section I

PARKER BOILER WATER TREATMENT PB #677

Issue Date: 3/1/89

Mfg: E. W. Smith Chemical Company  
15020 E. Proctor Avenue  
Industry, CA 91746Hazard Rand: 0=Minimal  
4=Severe  
Health 1  
Fire 1  
Reactivity 1  
Special NoneSection II Hazardous Ingredients/Identity Information

Chemical	CAS NO.	% WT.
Sodium Hydroxide	1310-73-2	2%

The balance of the components comprises proprietary information.

Section III Physical Data

Boiling Point	greater than 212°	Specific Gravity (water=1)	1.06
Vapor Pressure	N/A	pH (solution)	8-9
Vapor Density	N/A	Solubility:	100% in water
pH Concentrate	greater than 12		
Appearance and Color	Dark amber with bland odor		

Section IV Health Hazard Data  
Effect of OverexposureSkin: Contact of this product upon the skin can cause slight irritation.Eyes: Contact of this product upon the eyes can cause slight irritation of the eyes and eyelids.Inhalation: Fumes from this product are generally considered non-toxic, but can cause slight irritation of the nose, nasal passages and lungs.Ingestion: When concentrated solutions of this product are swallowed, it can cause slight irritation to the mouth, esophagus and stomach.FIRST AID PROCEDURESSkin: Flush exposed area with lukewarm water, If irritation persists, consult physician immediately.Eyes: Flush eyes for 30 minutes with cool water. If irritation persists, consult physician immediately.Inhalation: Remove patient to clean atmosphere and administer oxygen if necessary. Consult physician immediately.Ingestions: Do not induce vomiting. Have patient drink large amounts of water or milk. Consult a physician immediately.CARCINOGENS

This product contains no known carcinogens.

Section V Spill, Leak and Disposal ProceduresSPILL CONTROL

Small Spill: Flush area with water to an industrial sewer line.

Large Spill: Contain spill with dikes of absorbant materials such as clay, sand or vermiculate. This material is not considered hazardous and may be disposed of as non-hazardous refuse.

WASTE DISPOSAL

All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

Section VI Fire and Explosion Hazards

Flash Point: None

Method: Average

Flammable Limits in Air:

Lower: N/A

Fire Extinguishing Materials: Sand, Dry Chemical, Dry Foam, Halon & Water.

Special Fire Fighting Procedures: This product will not burn or support combustion.

Unusual Fire and Explosion Hazards: None.

Under normal conditions, hazardous polymerization will not occur.

Section VII Special Protection Information

Respiratory Protection: None

Protective Gloves: Rubber

Eye Protection: Safety glasses or goggles are recommended to prevent accidental splashing of eyes.

Other Equipment: None

Section VIII Special Precautions

\*Chemicals can be hazardous if not respected. The use of proper equipment and procedures of handling chemicals are not only a benefit for their obvious uses, but can reduce the possibility of serious injury and time loss accidents.

\*Keep this material away from high heat and observe proper housekeeping procedures.

**\*\*DO NOT MIX CHEMICALS UNLESS INSTRUCTED BY QUALIFIED PERSONNEL\*\***