

# Material Safety Data Sheet



## SPA LIQUID pH PLUS

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### SECTION I - IDENTIFICATION

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MANUFACTURER'S NAME ..... **Haviland Consumer Products, Incorporated**  
MANUFACTURER'S ADDRESS ..... 421 Ann St., N.W., Grand Rapids, MI 49504  
PHONE NUMBER ..... (616) 361-6691  
EMERGENCY PHONE NUMBER ..... CHEMTREC (800) 424-9300  
EFFECTIVE DATE ..... 10/12/99  
TRADE NAME ..... **SPA LIQUID pH PLUS**  
CHEMICAL FAMILY ..... Alkali

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### SECTION II - HAZARDOUS INGREDIENTS

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HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Potassium Carbonate	Not Established	Not Established	584-08-7

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### SECTION III - PHYSICAL DATA

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BOILING POINT ..... 230°F  
FREEZING POINT ..... -3°C  
VAPOUR PRESSURE ..... Not Applicable  
VAPOUR DENSITY (air=1) ..... Not Applicable  
SOLUBILITY IN H<sub>2</sub>O ..... Soluble  
ODOUR AND APPEARANCE ..... Clear liquid; Odorless  
SPECIFIC GRAVITY ..... 1.27  
pH ..... 1% Solution: 11.3

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASHPOINT AND METHOD OF DETERMINATION ..... Not Flammable  
LOWER EXPLOSIVE LIMIT (% by Volume) ..... Not Applicable  
UPPER EXPLOSIVE LIMIT (% by Volume) ..... Not Applicable  
MEANS OF EXTINCTION ..... Use extinguishing media for surrounding fires.  
SPECIAL FIRE FIGHTING PROCEDURES ..... Wear full protective clothing and self-contained breathing apparatus.  
UNUSUAL FIRE HAZARD ..... None Currently Known

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## SECTION V - HEALTH HAZARD DATA

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CARCINOGENICITY, REPRODUCTIVE EFFECTS ..... None  
NTP? ..... No  
IARC MONOGRAPHS? ..... No  
OVER EXPOSURE EFFECTS ..... Irritating to skin and mucous membranes. Ingestion may be harmful.  
Redness of exposed tissue or coughing. Inhalation of product mist may irritate nose, throat and lungs. May irritate or burn eyes. May cause skin irritation.  
PRIMARY ROUTE(S) OF ENTRY ..... Skin Contact  
SPECIFIC FIRST AID PROCEDURES ..... In case of contact: Immediately flush eyes and skin with plenty of water for at least 15 minutes. For eyes, get medical attention. If inhaled: Remove to fresh air. If swallowed: Drink large quantities of water.  
EXPOSURE AGGRAVATED MEDICAL CONDITIONS ..... None Currently Known

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## SECTION VI - REACTIVITY DATA

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CHEMICAL STABILITY ..... Stable  
CONDITIONS TO AVOID ..... Contact with acids except under controlled conditions.  
INCOMPATIBLE MATERIALS ..... Reacts with acids with release of large volumes of carbon dioxide gas and heat. Avoid: acids, & fluorine.  
HAZARDOUS DECOMPOSITION PRODUCTS ..... Heated to decomposition, it emits fumes of Potassium Oxide.  
HAZARDOUS POLYMERIZATION ..... Will Not Occur  
POLYMERIZATION AVOID ..... Not Applicable

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## SECTION VII - SPILL OR LEAK PROCEDURE

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LEAK AND SPILL PROCEDURES ..... Soak up with inert absorbent. Use appropriate protective equipment if mist is generated or contact with eyes or skin is expected.  
WASTE DISPOSAL ..... Dispose of product and absorbent in accepted landfill in accordance with all local, state and federal regulations.

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## SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION ..... Use approved fiber mist mask for low levels of airborne mist.  
VENTILATION ..... Local or general room ventilation to control airborne mist that may be generated into the work environment.  
PROTECTIVE GLOVES ..... Rubber or other impervious materials.  
EYE PROTECTION ..... Chemical splash proof goggles.  
OTHER PROTECTIVE EQUIPMENT ..... A safety shower and eye bath should be available. For operations where spills or splashing may occur, use an impervious body covering and boots.  
HANDLING PROCEDURES AND EQUIPMENT ..... Store in warm secure area away from acids. Use air/mechanical pumping systems for bulk transfer to storage. Use appropriate approved respiratory protection when ventilation systems are not available.

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## SECTION IX - SPECIAL PRECAUTIONS

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HAZARD CLASS ..... None  
DOT SHIPPING NAME ..... Not Regulated  
UN NUMBER ..... None  
REPORTABLE QUANTITY (RQ) ..... Not Listed

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REFERENCES

ZZ1SLPHP HMIS H=2 F=0 R=0 P=J