

Material Safety Data Sheet



SPA STAIN AND SCALE PREVENTER

SECTION I - IDENTIFICATION

MANUFACTURER'S NAMEHaviland Consumer Products Inc.
MANUFACTURER'S ADDRESS421 Ann St., NW, Grand Rapids, MI 49504
PHONE NUMBER..... (616) 361-6691
EMERGENCY PHONE NUMBERCHEMTREC (800) 424-9300
EFFECTIVE DATE.....8/4/04
TRADE NAME.....**SPA STAIN AND SCALE PREVENTER**
CHEMICAL FAMILY.....Miscellaneous Blend

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
(1-Hydroxyethylidene-1) Diphosphoric Acid	Not Established	Not Established	2809-21-4

SECTION III - PHYSICAL DATA

BOILING POINT>212°F
FREEZING POINT No Information Available
VAPOUR PRESSURE No Information Available
VAPOUR DENSITY (air=1) No Information Available
SOLUBILITY IN H₂O..... Completely
ODOUR AND APPEARANCE Clear liquid; Mild vinegar-like odor.
SPECIFIC GRAVITY 1.24 @ 68°F
pH..... 1% Solution: <2

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION>212oF
LOWER EXPLOSIVE LIMIT (% by Volume) Not Applicable
UPPER EXPLOSIVE LIMIT (% by Volume) Not Applicable
MEANS OF EXTINCTION..... Water fog, carbon dioxide, foam, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES..... Self contained breathing apparatus is required. Water spray may be used to cool containers.
UNUSUAL FIRE HAZARD.....None Currently Known

SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY, REPRODUCTIVE EFFECTS None
NTP?..... No
IARC MONOGRAPHS?..... No
OVER EXPOSURE EFFECTS Irritation to eyes.
PRIMARY ROUTE (S) OF ENTRY Inhalation; Eye Contact
SPECIFIC FIRST AID PROCEDURES In case of eye contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention; For skin, wash thoroughly with soap and water; wash contaminated clothing before reuse. If inhaled: Remove to fresh air. If ingested: DO NOT INDUCE VOMITING. Rinse with copious amounts of milk or water, first. Irrigate

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EXPOSURE AGGRAVATED MEDICAL
CONDITIONS

esophagus and dilute stomach contents by slowly giving one or two
glasses of water or milk. Seek medical attention.
None Currently Known

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY Stable
CONDITIONS TO AVOID Avoid contact with concentrated caustic; will result in evolution of heat.
INCOMPATIBLE MATERIALS Strong alkali, strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of phosphorus and carbon, acids of phosphorus
HAZARDOUS POLYMERIZATION Will Not Occur
POLYMERIZATION AVOID Not Applicable

SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES Flush with water or neutralize with lime or soda ash and flush to sewer.
WASTE DISPOSAL Comply with all federal, state and local regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION None Required for Normal Use
VENTILATION None Required for Normal Use
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 cool, dry, well ventilated area.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS Corrosive, 8, PG II
DOT SHIPPING NAME CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (1-Hydroxyethylidene)
Diphosphonid acid)
UN NUMBER UN3265
REPORTABLE QUANTITY (RQ) N/A

REFERENCES

ZZ1SSSP
HMIS H-2 F-1 R-1