

# Material Safety Data Sheet



SALT SUPPORT

---

## SECTION I - IDENTIFICATION

---

MANUFACTURER'S NAME .....Haviland Consumer Products, Inc.  
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.....09/29/05  
TRADE NAME.....**SALT SUPPORT**  
CHEMICAL FAMILY.....Miscellaneous Blend

---

## SECTION II - HAZARDOUS INGREDIENTS

---

HAZARDOUS INGREDIENTS	OSHA PEL	TLV (Units)	CAS NUMBER
Sodium Tetraborate Pentahydrate	10 mg/m3 (total dust)	1 mg/m3	12179-04-3
Boric Acid	15 mg/m3 (total dust)	10 mg/m3	10043-35-3

---

## SECTION III - PHYSICAL DATA

---

BOILING POINT ..... Not Applicable  
FREEZING POINT ..... Not Applicable  
VAPOUR PRESSURE..... Not Established  
VAPOUR DENSITY (air=1) ..... Not Established  
SOLUBILITY IN H2O ..... Soluble  
ODOUR AND APPEARANCE ..... Blue & white speckled granular material.  
SPECIFIC GRAVITY ..... Not Established  
pH ..... 7.3 (1% Solution)

---

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

---

FLASHPOINT AND METHOD OF DETERMINATION .....Not Flammable  
LOWER EXPLOSIVE LIMIT (% by Volume) ..... Not Applicable  
UPPER EXPLOSIVE LIMIT (% by Volume) ..... Not Applicable  
MEANS OF EXTINCTION.....Any fire extinguishing media may be used on nearby fires.  
SPECIAL FIRE FIGHTING PROCEDURES.....Treat as for surrounding media. Wear self-contained breathing apparatus and full personal protective equipment.  
UNUSUAL FIRE HAZARD.....None

---

## SECTION V - HEALTH HAZARD DATA

---

CARCINOGENICITY, REPRODUCTIVE EFFECTS ..... None  
NTP?..... No  
IARC MONOGRAPHS?..... No  
OVER EXPOSURE EFFECTS ..... Occasional mild irritation effects to the nose and throat may occur from inhalation of dust at levels greater than 10 mg/m3. Swallowing large amounts may cause gastrointestinal symptoms.  
PRIMARY ROUTE(S) OF ENTRY ..... Inhalation  
SPECIFIC FIRST AID PROCEDURES ..... **Eyes:** Flush with water for at least 15 minutes. Seek medical attention if irritation persists for more than 30 minutes. **Skin:** Wash with water.

# Material Safety Data Sheet

If irritation persists, seek medical attention. **Inhalation:** Remove to fresh air. Seek medical attention if irritation persists. **Ingestion:** If swallowed, give two glasses of water to drink and seek medical attention.

None identified

EXPOSURE AGGRAVATED MEDICAL  
CONDITIONS

---

---

## SECTION VI - REACTIVITY DATA

---

---

CHEMICAL STABILITY ..... Stable  
CONDITIONS TO AVOID ..... Loses H<sub>2</sub>O on heating.  
INCOMPATIBLE MATERIALS ..... Reacts with alkalines to form salts. Reaction with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas, which could create an explosive hazard. May cause corrosion of base metals.  
HAZARDOUS DECOMPOSITION PRODUCTS ..... None known  
HAZARDOUS POLYMERIZATION ..... Will Not Occur  
POLYMERIZATION AVOID ..... Not Applicable

---

---

## SECTION VII - SPILL OR LEAK PROCEDURE

---

---

LEAK AND SPILL PROCEDURES ..... Vacuum, shovel or sweep up and place in containers for disposal.  
WASTE DISPOSAL ..... Dispose in accordance with all applicable federal state and local environmental regulations.

---

---

## SECTION VIII - SPECIAL PROTECTION

---

---

RESPIRATORY PROTECTION ..... Where airborne concentrations are expected to exceed exposure limits, NIOSH/MSHA certified respirators should be used.  
VENTILATION ..... Use local exhaust ventilation to keep airborne concentrations below permissible exposure levels.  
PROTECTIVE GLOVES ..... Gloves are not required for normal industrial exposures but may be used to prevent excessive contact with dry materials.  
EYE PROTECTION ..... Eye goggles are not required for normal industrial exposures, but may be warranted if environment is excessively dusty.  
OTHER PROTECTIVE EQUIPMENT ..... Long sleeved clothing to prevent excessive contact with dry materials. Water should be available in immediate area for first aid purposes.  
HANDLING PROCEDURES AND EQUIPMENT ..... Store indoors in dry location.

---

---

## SECTION IX - SPECIAL PRECAUTIONS

---

---

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

---

---

REFERENCES

SALT SUPPORT  
HMIS RATING: H-1, F-0, R-0