

# Material Safety Data Sheet



## TRISODIUM PHOSPHATE CRYSTALS

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### SECTION I - IDENTIFICATION

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MANUFACTURER'S NAME .....Haviland Consumer Products Inc.  
MANUFACTURER'S ADDRESS .....421 Ann St., NW, Grand Rapids, MI 49504  
PHONE NUMBER..... (616) 361-6691  
EMERGENCY PHONE NUMBER .....CHEMTREC (800) 424-9300  
EFFECTIVE DATE.....7/16/04  
TRADE NAME.....**TRISODIUM PHOSPHATE CRYSTALS**  
CHEMICAL FAMILY.....Phosphate Salt

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### SECTION II - HAZARDOUS INGREDIENTS

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| HAZARDOUS INGREDIENTS       | OSHA PEL       | TLV (Units)    | CAS NUMBER |
|-----------------------------|----------------|----------------|------------|
| Trisodium Phosphate Crystal | Not Determined | Not Determined | 10101-89-0 |

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### SECTION III - PHYSICAL DATA

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BOILING POINT ..... Not Applicable  
FREEZING POINT ..... 167°F (75°C)  
VAPOUR PRESSURE ..... Not Volatile  
VAPOUR DENSITY (air=1) ..... Not Volatile  
SOLUBILITY IN H<sub>2</sub>O..... 33% @ 25°C  
ODOUR AND APPEARANCE ..... White Crystal  
SPECIFIC GRAVITY ..... 0.9  
pH..... 11.9 in 1% solution

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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASHPOINT AND METHOD OF DETERMINATION .....Not Combustible  
LOWER EXPLOSIVE LIMIT (% by Volume) ..... Not Applicable  
UPPER EXPLOSIVE LIMIT (% by Volume) ..... Not Applicable  
MEANS OF EXTINCTION.....As for surrounding fire.  
SPECIAL FIRE FIGHTING PROCEDURES.....Not Applicable.  
UNUSUAL FIRE HAZARD.....None

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## SECTION V - HEALTH HAZARD DATA

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CARCINOGENICITY, REPRODUCTIVE EFFECTS ..... No  
NTP? ..... No  
IARC MONOGRAPHS? ..... No  
OVER EXPOSURE EFFECTS ..... Irritation of eyes & mucus membranes.  
PRIMARY ROUTE (S) OF ENTRY ..... Contact & dust inhalation  
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.  
EXPOSURE AGGRAVATED MEDICAL CONDITIONS ..... Avoid irritation from airborne dust.

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## SECTION VI - REACTIVITY DATA

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CHEMICAL STABILITY ..... Stable  
CONDITIONS TO AVOID ..... Not Applicable  
INCOMPATIBLE MATERIALS ..... Not Applicable  
HAZARDOUS DECOMPOSITION PRODUCTS ..... Not Applicable  
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 ..... Sweep, scoop or vacuum up all spilled material, contaminated soil and other contaminated material and place in containers. If possible, complete cleanup on a dry basis. After all practical dry cleanup has been done, flush area with plenty of water.  
WASTE DISPOSAL ..... May be disposed in sanitary landfill according to Governmental Regulations.

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## SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION ..... Minimum if a NIOSH/OSHA approved dust mask.  
VENTILATION ..... Provide mechanical, local exhaust to keep dust at a minimum.  
PROTECTIVE GLOVES ..... Rubber or other impervious materials.  
EYE PROTECTION ..... A minimum of safety glasses should be used. Chemical splash proof goggles are preferred.  
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 ..... Reduce contact with skin & eyes. Avoid breathing dust. Store in a dry area. Solids do not freeze.

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## SECTION IX - SPECIAL PRECAUTIONS

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

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REFERENCES

ZZ1TSP HMIS: H-2, F-0, R-0

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