



Colonial Chemical Solutions, Inc

Material Safety Data Sheet – TRISODIUM PHOSPHATE

SECTION I · PRODUCT IDENTIFICATION

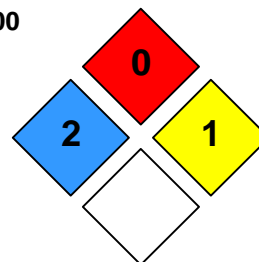
Manufacturers Address: 916 West Lathrop Avenue
Savannah, Georgia 31415

CHEMTREC – 24HR Emergency Telephone 1-800-424-9300
Information Phone: (912) 443-6702
Date Prepared: 21-May 2010
Preparer: F.Spaeth

Synonym: Sodium Phosphate, Tribasic, 12-Hydrate
Chemical Family: Inorganic Phosphate Salt

NFPA Rating

0- Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme



SECTION II · HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT	STEL	TWA
Sodium Phosphate, tribasic	7601-54-9	98-100	5 mg/m ³	N/D

SECTION III · PHYSICAL and CHEMICAL PROPERTIES

Boiling Point: Decomposes

Vapor Pressure: N/A

Solubility In Water: Appreciable

Appearance/Odor: White crystals with no perceptible odor.

Vapor Density (Air=1): N/A

VOC %: N/A

Specific Gravity (H₂O=1): 1.62

Evaporation Rate: No data found.

SECTION IV · FIRE FIGHTING MEASURES

Flash Point: None.

Extinguishing Media: Use any means suitable for surrounding fire.

Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) operated in pressure demand mode and structural firefighter's protective clothing.

Fire and Explosion Hazards: Not considered a fire or an explosion hazard.

SECTION V · STABILITY AND REACTIVITY

Stability: Stable under normal use and use conditions.

Conditions to Avoid: Avoid excessive heat, or open flames and incompatibles.

Incompatibility: In the presence of water, or acid, this product reacts violently to liberate heat.

Hazardous Decomposition Products: May release oxides of sodium, phosphorous when heated to decomposition.

Hazardous Polymerization: Will not occur.

SECTION VI · STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Avoid contact with product. Do not breath dust or vapors.

Always store in tightly sealed, and properly labeled original container. Store in a cool, dry well ventilated area, away from acute fire hazards. Segregate from acids and oxidizers.

Other Precautions: Follow Label Instructions and Precautions.



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SECTION VII - HEALTH AND FIRST AID

Skin: Repeated or prolonged contact can be irritating, causing dermatitis and sensitization. Aqueous, highly alkaline solutions may produce caustic burns.

Eyes: Dust in eyes can be irritating, causing tearing, redness and possible tissue damage.

Inhalation: High dust concentrations can be harmful. Can cause respiratory tract irritation, coughing, and breathing difficulties.

Ingestion: Not a normal route of entry. However, causes irritation to the gastrointestinal tract and can be harmful or fatal if swallowed.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes with eyelids forced open. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed skin with soap and water. If irritation develops and persists seek medical attention.

Inhalation: For excessive inhalation remove to fresh air. If breathing is difficult give oxygen and seek medical attention.

Ingestion: DO NOT induce vomiting. Give large quantities of water. Seek immediate medical attention.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Use eye protection when dispensing. Goggles or full-face shield recommended.

Respiratory Protection: Where exposure limits are exceeded and sustained use a full facepiece respirator, with high efficiency particle filter (NIOSH type N100 filter) may be worn.

Confined areas, use self-contained breathing apparatus.

Ventilation: A system of local and/or general mechanical ventilation to prevent excessive dust accumulation is recommended to keep employee exposure below exposure limits.

Skin Protection: Wear impervious protective gloves. Protective clothing depends on potential exposure conditions and may include boots, suits or apron.

SECTION IX - ACCIDENTAL RELEASE MEASURES

Ventilate the area and stop source of spill. Salvage and recycle as much material as possible. Sweep up dry material or absorb liquid residual on inert media and collect into suitable container. Avoid generating dust during the clean up process. Avoid contaminating ground and surface water.

SECTION X - DISPOSAL CONSIDERATIONS

Reuse or reprocess if possible. Processing, use or contamination of Sodium Phosphate may change the waste management options. DO NOT flush to drain. Dispose in accordance with all applicable federal, state and local regulations.

SECTION XI - TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail): NOT REGULATED

Proper Shipping Name:

Hazard Class:

UN Number:

Packaging Group:



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SECTION XII - ECOLOGICAL

Ecotoxicological Information: No published data or information can be found for this material.
Environmental Fate: Biodegradability does not apply to inorganic substances.

SECTION XIII - TOXICOLOGY

Carcinogenicity: Not IARC, NTP or OSHA listed

Mutagenicity: Not reported to produce mutagenic effects in humans.

Reproductive: Has not been reported to produce reproductive effects in humans.

Sensitization: Persons with pre-existing skin disorders or eye problems may be more susceptible to this product.

SECTION XIV - REGULATORY

RMP/PSM: Not listed

CERCLA-RQ: 5,000 lbs.

SARA 311/312: Listed Acute and Chronic.

SARA 313: Not Regulated

FIFRA: No documented information found.

RCRA-CODE: It is the responsibility of the user to determine if the material is a RCRA hazardous waste at the time of disposal.

TSCA: Listed

SECTION XV - OTHER INFORMATION

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.