

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Trisodium Phosphate / TSP
PRODUCT ID: 0200X
PRODUCT USE: Cleaning compound
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
 PO Box 32, Winona, MN 55987
 800-533-0027 or 507-454-5640
 info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Eye Irritation Category 1 Skin Irritation Category 1B Specific Organ Toxicity Category 3	Acute Toxicity Category 3	

Hazard Symbols:

Eye Irritation
Skin Irritation



Signal Word:

DANGER

Hazard Statements	Precautionary Statements
H314: Causes severe skin burns and eye damage H335: May cause respiratory irritation H336: May cause drowsiness or dizziness H402: Harmful to aquatic life	P102: Keep out of reach of children P260: Do not breathe dust P264: Wash thoroughly after handling P274: Avoid release to the environment P280: Wear gloves and eye protection

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Sodium salt (1:3)phosphoric acid	7601-54-9	100%

Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.

SECTION 4 FIRST AID MEASURES

- If in Eyes:** In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 20 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.
- If on Skin (or hair):** For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes. Seek medical attention. Wash contaminated clothing before reuse.
- If Inhaled:** Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Seek medical attention.
- If Swallowed:** If swallowed give 2-3 glasses of water if victim is conscious and alert. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical. Persons attending the victim should avoid direct contact with heavily contaminated clothing and vomitus. Wear impervious gloves while decontaminating skin and hair.

SECTION 5 FIREFIGHTING MEASURES

- Suitable Extinguishing Media:** Not combustible. Use extinguishing media suitable for surrounding fire.
- Protection for Firefighters:** Wear self-contained breathing apparatus and full protective gear, as with any fire.
- Hazardous Combustion Products:** Oxides of sodium, oxides of phosphorus

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Ventilate enclosed areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Environmental Precautions:** Runoff from fire control may cause pollution. Prevent material from entering public sewer system or any waterways.
- Methods For Cleaning Up:** Sweep or vacuum up and place in an appropriate closed container. Clean up residual material by washing area with water and detergent. Collect washings for disposal.

SECTION 7 HANDLING AND STORAGE

Handling : Avoid direct or prolonged contact with skin and eyes. Avoid breathing dust. Do not ingest.
Storage: Store in a tightly closed container. Store in an area that is cool, dry, well-ventilated and isolated from all toxic and harmful substances.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: Wear face shield and eye protection. Wear splash goggles. An emergency eye wash must be readily accessible to the work area.
Skin Protection: Wear protective gloves. Thoroughly clean and dry contaminated clothing before reuse.
Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder	pH: 11.5 (1% solution)
Odor: Odorless	Boiling Point: Not applicable
Water Solubility: Soluble	Melting Point: > 600 °C

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal use and storage.
Decomposition: Oxides of phosphorus. Oxides of sodium
Incompatible Materials: Strong acids, magnesium
Conditions to Avoid: Moisture

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity, Oral: > 7400 mg/kg Rat
Acute Toxicity, Skin: > 300 mg/kg Skin Rabbit

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: LC50 96 hr – 28.5 mg/L
Persistence/Degradability: No specific biodegradation test data located. While the alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.
'Bioaccumulation: No data found
Mobility: No data found

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Name: Environmentally Hazardous Substance, Solid, N.O.S.
ID Number: 3077
Hazard Class 9
Labeling Class: 9
Packing Group: III

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.
CERCLA/SARA - Hazardous Substances and their Reportable Quantities: Trisodium Phosphate, Anhydrous 7601-54-9 5000 lb final RQ; 2270 kg final RQ

SECTION 16 OTHER INFORMATION

Training Necessary: Yes, training in practices and procedures contained in product literature or on product label
Issue Date: May 27, 2015
Supersedes: July 6, 2013

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.