# FLINN SCIENTIFIC, INC.
## Material Safety Data Sheet (MSDS)

**MSDS #:** 755.00

**Revision Date:** December 14, 2011

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

## Sodium Phosphate Tribasic Solution

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

### SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Sodium phosphate tribasic (10101-89-0) 12% or less and Water (7732-18-5) 88% - 99%.
Synonym: TSP solution

CAS#: None established

### SECTION 3 — HAZARDS IDENTIFICATION

Colorless aqueous solution. Odorless.
Body tissue irritant. Avoid all body tissue contact.

**FLINN AT-A-GLANCE**

Health-0
Flammability-0
Reactivity-0
Exposure-1
Storage-0

0 is low hazard, 3 is high hazard

### SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.
Eye or External: Immediately flush with fresh water for at least 15 minutes.
Internal: Do NOT induce vomiting. Rinse mouth. Give large quantities of water for dilution. Call a physician or poison control at once.

### SECTION 5 — FIRE FIGHTING MEASURES

Noncombustible liquid.

**NFPA CODE**
None established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

### SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.

### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.

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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Colorless, odorless solution.
Concentration: 0.05 - 0.3 Molar

## SECTION 10 — STABILITY AND REACTIVITY

Shelf life: Indefinite, if stored properly.

## SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritant
Chronic effects: N.A.
Target organs: N.A.

ORL-RAT $LD_{50}$: 6500 mg/kg as TSP
IHL-RAT $LC_{50}$: N.A.
SKN-RBT $LD_{50}$: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

## SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

## SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply, before proceeding.
Flinn Suggested Disposal Method #26b is one option.

## SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated.
Hazard class: N/A
UN number: N/A
N/A = Not applicable

## SECTION 15 — REGULATORY INFORMATION

Not listed.

## SECTION 16 — OTHER INFORMATION

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**Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals.**

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