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MSDS

MATERIAL SAFETY DATA SHEET

SODIUM TRIPOLYPHOSPHATE

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Sodium tripolyphosphate, Tech Grade 94%

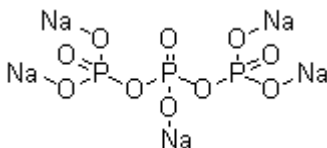
Catalog Numbers: 21867-0000, 21867-0025, 21867-0250, 21867-5000

Synonyms: Sodium triphosphate; STPP; Sodium Tripolyphosphate; pentasodium triphosphate; pentasodium tripolyphosphate*photographic grade; tripolyphosphate pentasodium*hexahydrate; Sodium tripolyphosphate

Molecular Formula: $\text{Na}_5\text{O}_{10}\text{P}_3$

Formula Weight: 367.86

Formula Structure:



Company Identification : No. 70 Danxin Street Dashiba Nanan District Chongqing, 400061, China,

For information call: 0086 23 62950878 & 62950665

For emergencies call: 0086 23 62950878 & 62950665

For emergencies fax: 0086 23 62950661 & 62950365

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	EINECS#
7758-29-4	Sodium tripolyphosphate	94%	231-838-7

Hazard Symbols: XI

Risk Phrases: 36/37/38

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.hygroscopic.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: May cause irritation of the digestive tract.

Inhalation: Causes respiratory tract irritation.

Chronic: Not available.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: In case of fire use water spray, dry chemical, carbon dioxide, or chemical foam.

Autoignition Temperature: Not available.

Flash Point: Not available.

NFPA Rating: Not published.

Explosion Limits, Lower: Not available.

Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

**** SECTION 7 - HANDLING and STORAGE ****

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149.

Always use a

NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:	Solid
Appearance:	White crystalline powder
Odor:	odorless
pH:	Not available.
Vapor Pressure:	Not applicable.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	0 deg C
Decomposition Temperature:	Not available.
Solubility:	20g/100ml water (20 c)
Specific Gravity/Density:	Not available.
Molecular Formula:	Na ₅ P ₃ O ₁₀
Molecular Weight:	367.85

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Not available.

Conditions to Avoid: Exposure to moist air or water.

Incompatibilities with Other Materials: Not available.

Hazardous Decomposition Products: Oxides of phosphorus, sodium oxide.

Hazardous Polymerization: Has not been reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:

CAS# 7758-29-4: YK4570000

LD50/LC50:

CAS# 7758-29-4: Oral, mouse: LD50 = 3100 mg/kg; Oral, rat: LD50 = 3900 mg/kg.

Carcinogenicity:

Sodium tripolyphosphate -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

For further information, contact Across Organics.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

US DOT

No information available

IMO

Not regulated as a hazardous material.

IATA

Not regulated as a hazardous material.

RID/ADR

Not regulated as a hazardous material.

Canadian TDG

No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7758-29-4: 1

Canada

CAS# 7758-29-4 is listed on Canada's DSL/NDSL List.

CAS# 7758-29-4 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 7758-29-4 is listed on the TSCA inventory.

**** SECTION 16 - Additional Information ****

16.1 This product may be used in the applications like Detergents, Water Treatment, Metal Treatment, Paints, Drilling Muds, Paper Pulping and Ore Flotation etc.

16.2 Food grade material finds applications in seafood processing, curing of hams and bacon, as a binder in comminuted meat products, as a additive for canned meats, a component of cheese emulsifiers, and as a tenderizing agent in the blanching of vegetables prior to freezing.

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