

徐州天润化工有限公司
XUZHOU TIANRUN CHEMICAL CO., LTD

Add: Mengjiagou North Suburb, Xuzhou, Jiangsu, China
Tel: +86-516-83832627, Fax: +86-516-83832638

MATERIALS SAFETY DATA SHEET

SODIUM METAPHOSPHATE (SHMP)

UPGRADE DATE: 2019-3-12

1. PRODUCT AND COMPANY DESCRIPTION

Chemical Name: SODIUM HEXAMETAPHOSPHATE E452I
SODIUM HEXAMETAPHOSPHATE GLASS, SODIUM METAPHOSPHATE
SODIUM POLYPHOSPHATE

Formula: $(\text{NaPO}_3)_n$

Molecular Weight: Varies according to n

Manufacturer: XUZHOU TIANRUN CHEMICAL CO., LTD

Add: Mengjiagou North Suburb, Xuzhou, Jiangsu, China

Emergency contact phone: +0086-516-83832627

2. COMPOSITION/INFORMATION ON INGREDIENTS:

CAS NO.: 68915-31-1, 10124-56-8

Raw material of the product:

PHOSPHORIC ACID (H_3PO_4), sodium hydroxide liquid

Soda Ash (Na_2CO_3)

3. HAZARDS IDENTIFICATION

The product not classified as dangerous.

Physics-chemical Effects

Health Effects-inhalation

No known hazards.

Avoid prolonged breathing of dust

Health Effects-ingestion

No significant signs or symptoms expected.

Health Effects-skin

Dust may cause irritation by abrasion

Health Effects-Eyes

Dust may cause transient irritation by abrasion.

4. FIRST AID MEASURES

First Aid- inhalation

Remove to fresh air.

First Aid- ingestion

Wash out mouth with water.

First Aid-Skin

Wash skin with water.

First Aid-eye

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If substance has got into the eyes, immediately wash out eyes with plenty of water.

Chronic Effects:

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Not combustible. Select Extinguishing agent appropriate to other materials involved

Special hazards of Product: may make floor very slippery when wet.

6. ACCIDENTIAL RELEASE MEASURES

Spillages

Transfer into suitable containers for recovery or disposal. Avoid creating dust.

Personal precautions

Wear appropriate protective clothing. See section 8.

Environmental precautions

Try to prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE

Handling

Wear appropriate protective clothing. See section 8. Avoid creating dust. Avoid inhaling dust.

Storage

This is a food grade product, protect from contamination. Store in a dedicated food grade area.

This material is hygroscopic Storage area should be: clean, cool and dry place and keep away from moisture. It is recommended to stack only one pallet high, to reduce any tendency to compaction.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering control Measures

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control process conditions.

Respiratory Protection: Facemask with suitable filter or Powered respirator

Eye Protection: Safety spectacles.

Body Protection: Normal work wears

Protection During Application: Local exhaust ventilation may be required when the Product is in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical properties here represent typical properties of this product.

Formula: $(\text{NaPO}_3)_6$

Physical Appearance: white granular powder.

Odor: odorless.

PH value: 5.8-6.5

Density (water=1): 2.5

Water Solubility: Slightly soluble in water.

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UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	Y
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

FEDERAL REGULATIONS

Inventory Issues:

All functional components of this product are listed on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard	- NO
Reactive Hazard	- NO
Release of Pressure	- NO
Acute Health Hazard	- YES
Chronic Health Hazard	- NO

16. OTHER INFORMATION.

Any information contained herein and advice by us is made to the best of our ability on the basis of Current industrial practice, Literature data and our own knowledge and experienced.

**END OF MSDS