

MATERIAL SAFETY DATA SHEET

Sodium Hexameta Phosphate 10% Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Sodium Hexameta Phosphate 10% Solution

Product Code: 205-40

Material Uses:

Manufacturer:

OFI Testing Equipment, Inc.
11302 Steeplecrest Drive
Houston, TX 77065 USA
Phone: (713) 880-9885
Fax: (713) 880-9886

Entry Date : 5/10/2010

Print Date: 7/30/2010

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	1			
Flammability:	0			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable		NE = Not Established		

SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Caution! May Cause Irritation To Skin, Eyes, And Respiratory Tract. May Be Harmful If Swallowed Or Inhaled.

May Cause Irritation to the Respiratory Tract. Symptoms may Include Coughing and Shortness of Breath.

Ingestion: Phosphates are Slowly and Incompletely Absorbed when Ingested, and Seldom Result in Systemic Effects. Such Effects, However, Have Occurred. Symptoms may Include Vomiting, Lethargy, Diarrhea, Blood Chemistry Effects, Heart Disturbances and Central Nervous System Effects. The Toxicity of Phosphates is Because of their Ability to Sequester Calcium. Systemic Acidosis may Result as this Material is Believed to Hydrolyze into Phosphoric Acid when Ingested.

Skin: May Cause Irritation with Redness and Pain.

Eye Contact: May Cause Irritation, Redness and Pain.

Chronic Exposure: May Sequester Calcium and Cause Calcium Phosphate Deposits in the Kidneys. Chronic

Aggravated by Exposure: Ingestion or Inhalation may Induce Systemic Phosphorous Poisoning. Liver Damage, Kidney Damage, Jaw/Tooth Abnormalities, Blood Disorders and Cardiovascular Effects can Result. Persons with Pre-Existing Skin Disorders or Eye Problems, Jaw/Tooth Abnormalities, or Impaired Liver, Kidney or Respiratory Function may be More Susceptible to the Effects of the Substance.

SECTION 3 MIXTURE COMPONENTS

Sodium Hexameta Phosphate 10% Solution

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Sodium Phosphate Hexameta Anhydrous	CAS# 10124-56-8	0.15%	W/V	TXDS: ori-mus LD ₅₀ : 7250 mg/Kg
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: None Known.

Fire Fighting Procedure: Use any means suitable for extinguishing surrounding fire. Use water spray cool fire exposed containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Ventilate Area of Leak or Spill. Keep Unnecessary and Unprotected People Away from Area of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in Appropriate Container and Absorb with Dry Sand, Vermiculite, Earth or Other Inert Substance and Package in a Suitable Container for Disposal. Do not Flush to Sewer!

SECTION 7 HANDLING AND STORAGE

Keep in tightly closed container, stored in a cool dry ventilated area. Protect against physical damage and freezing. Containers of this material may be hazardous when empty since they retain product residues.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl

Eye Protection: Safety Glasses

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Other Protective Equipment: None required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Information not available	Percent Volatile by Volume:	~ 90%
Boiling Point:	Information not available	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	not available	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	Clear water white / None	Upper Flamm. Limit in Air	Not applicable
Flash Point:	None		
Specific Gravity:	~ 1.01		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Stable
Conditions to Avoid:	None known
Materials to Avoid:	None known
Hazardous Decomposition Products:	sodium and phosphorous oxides if heated to decomp.
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 Toxicological Information

Carcinogenic References: IARC Category – None, NTP Carcinogen - Known: No

SECTION 12 Ecological Information

No Information Found.

SECTION 13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 Transport Information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

Chemical Inventory Status –
Part 1: Ingrandient
Polyphosphoric Acids, Sodium Salts (68915-31-1)
TSCA Yes
EC Yes

Sodium Hexameta Phosphate 10% Solution

Japan YES
Australia Yes

Chemical Inventory Status –

Part 2:Ingredient

Polyphosphoric Acids, Sodium Salts (68915-31-1)

Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –

Part 1: Ingredient.

Polyphosphoric Acids, Sodium Salts (68915-31-1)

RQ No
TPQ No
List NO
Chemical Catg No

Federal, State &

International Regulations –

Part 2:Ingredient

Polyphosphoric Acids, Sodium Salts (68915-31-1)

CERCLA No
261.33 No
8(d) No

Chemical Weapons Convention: No

TSCA 12 (b):No

CDTA:No MIXTURE/SOLID

SARA 311/312: Acute:YES

Chronic: YES

Fire: No

Pressure: No

Reactivity: No

Australian Hazchem Code: None allocated

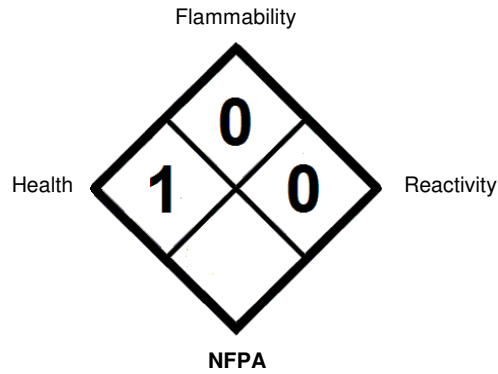
Poison Schedule: None allocated

SECTION 16

Additional Information

Overexposure symptoms. Caution! May cause irritation to skin, eyes, and respiratory tract. May be harmful if swallowed or inhaled. Possible irritation of eyes/stomach. Chronic: phosphates are slowly and incompletely absorbed when ingested and seldom result in systemic effects. Such effects however have occurred. Symptoms may include vomiting, lethargy, diarrhea, blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is because of their ability to sequester calcium. Systemic acidosis may result as this material is believed to hydrolyze into phosphoric acid when ingested. Chronic exposure: May sequester calcium and cause calcium phosphate deposits in the kidneys. May cause liver damage, kidney damage, jaw/tooth abnormalities, blood disorders and cardiovascular effects can result.

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Revisions

7/30/2010	0.1	updated msds to 16 section from 10 section msds. STN
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