OFI TESTING EQUIPMENT, INC.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Chemical Name:	SODIUM HEXAMETAPHOSPHATE SOLUTION
Trade Name:	DISPERSANT SOLUTION
OFI Part No.	205-30
Chemical Family:	Hexametaphosphate, sodium salt; Metaphosphoric Acid; Sodium polyphosphate
Formula:	Na(x+2) Px O(3x+1) x = 6 to 21 : H_2O
Manufacturer:	OFI Testing Equipment, Inc. 1006 West 34th Street Houston, TX 77018 U.S.A. (713) 880-9885
In Case of Emergency Spills, Leaks, Fire, Exposure or Accident:	In the USA, call INFOTRAC at 1-800-535-5053 day or night Outside the USA, call collect, (352) 323-3500

SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS

CAS #:	CHEMICAL NAME	
68915-31-1	Polyphosphoric Acids, Sodium Salts	< 8.0%

SECTION III - HAZARD IDENTIFICATION

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

Inhalation: 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 Occured. 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 Ingestion Or Inhalation May Induce Systemic Phosphorous Poisoning. Liver Damage, Kidney Damage, Jaw/Tooth Abnormalities, Blood Disorders And Cardiovascular Effects Can Result.

Aggravated by Exposure: 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 IV - FIRST AID MEASURES

Inhalation: Remove to Fresh Air. Get Medical Attention for any Breathing Difficulty.

Ingestion: Give Large Amouts of Water to Drink. Never Give Anything by Mouth to an Unconscious Person. Get Medical Attention.

Skin: Immediately Flush Skin with Plenty of Water for at Least 15 Minutes. Remove Contaminated Clothing and Shoes. Wash Clothing and Shoes Before Reuse. Get Medical Advice if Irritation Develops.

Eyes: Immediately Flush Eyes with Plenty of Water for at Least 15 Minutes, Lifting Lower and Upper Eyelids Occasionally. Get Medical Attention Immediately.

	SECTION V - FIRE FIGHTING MEASURES
Fire:	Not Considered to be a Fire Hazard.
Explosion:	Not Considered to be a Explosion Hazard.
Fire Extinguishing Media:	Use any means Suitable for Extinguishing Surrounding Fire.
Special Information:	In the Event of Fire, Wear Full Protective Clothing and NIOSH-Approved Self-Contained Breathing Apparatus with Full Facepiece Operated in the Pressure Demand or Other Positive Pressure Mode.
	SECTION VI - ACCIDENTAL RELEASE MEASURES
	Ventilate Area of Leak or Spill. Keep Unnecessary and Unprotected People away from Area of of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in a 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 VII - 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 (Vapors, Liquid).
	SECTION VIII - EXPOSURE CONTROL / PERSONAL PROTECTION
Ventilation System:	In General, Dilution Ventilation is a Satifactory Health Hazard Control for this Substance. However, If Conditions of use Create Discomfort to the Worker, A Local Exhaust System Should be Considered.
Airborne Exposure Limits:	None Established.
Personal Respirators: **(NIOSH APPROVED)**	For Conditions of Use Where Exposure to Mist is Apparent, a Half-Face Dust / Mist Respirator may be Worn. For Emergencies or Instances where the Exposure Levels are Not Known, use a Full-Face Positive-Pressure, Air-Supplied Respirator.
Skin Protection:	Wear Protective Gloves and Clean Body-Covering Clothing.
Eye Protection:	Use Chemical Safety Goggles. Maintain Eye Wash Fountain and Quick-Drench Facilities in Work Area.
	SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES
Appearance / Odor:	Clear/Turbid, Colorless Liquid / Odorless
Solubility:	Infinitely Soluble
Specific Gravity:	approx. 1.01
pH:	No Information Found.
% Volatiles by Vol.:	0
Melting Point:	1022 ^{0}F (550 ^{0}C)
Boiling Point:	2732 ^{0} F (1500 ^{0}C)
Vapor Density (Air=1):	No Information Found.
Vapor Pressure (mmHg):	No Information Found.
	SECTION X - STABILITY AND REACTIVITY
General Reactivity:	Stable Under Ordinary Conditions of Use and Storage.
Hazardous Decomposition:	Sodium and Phosphorus Oxides may Form when Heated to Decomposition.
Incompatibilities:	None Found.
Hazardous Polymerization:	Will Not Occur.
	SECTION XI - TOXICOLOGICAL INFORMATION
Carcinogenic References:	IARC Category- None, NTP Carcinogen - Known: No
	SECTION XII - ECOLOGICAL INFORMATION
	No Information Found.
	SECTION XIII - 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 XIV - TRANSPORT INFORMATION

Hazard Class: Not Regulated

Identification No.: Not Regulated

SECTION XV - REGULATORY INFORMATION

Chemical Inventory Status – Part 1:

Ingredient	TSCA	EC	Japan	Australia
Polyphosphoric Acids, Sodium Salts(68915-31-1)	Yes	Yes	Yes	Yes

Chemical Inventory Status – Part 2:

Ingredient	Korea	Canada-DSL	Canada-NDSL	Phil.
Polyphosphoric Acids, Sodium Salts(68915-31-1)	Yes	Yes	No	Yes

Federal, State & International Regulations – Part 1:

Ingredient	SARA 302-RQ	SARA 302-TPQ	SARA 313-List	SARA 313-Chemical Catg.
Polyphosphoric Acids, Sodium Salts (68915-31-1)	No	No	No	No

Federal, State & International Regulations – Part 2:

Ingredient	CERCLA	RCRA-261.33	TSCA-8(d)
Polyphosphoric Acids, Sodium Salts(68915-31-1)	No	No	No

Chemical Weapons Convention: No

TSCA 12 (b): No

CDTA: No

SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No Reactivity: No (Mixture / Solid)

Australian Hazchem Code: None allocated.

Poison Schedule: None allocated.

SECTION XVI - OTHER INFORMATION

NFPA Rating: Health-1, Flammability-0, Reactivity-0

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