


Section 1: Product & Company Information

Product Name: SAPP
Chemical Family: Sodium Acid Pyrophosphate
Product Use:

Workplace Hazardous Materials Information Systems Data (WHMIS):

	Class ID	Class	Workplace Hazard
	D-2-B	Materials Causing Other Toxic Effects - Toxic	Skin and eye irritant

Manufacturer Name: HiTech Fluid Systems
Address: #1800, 505 3rd Street SW, Calgary, AB T2P 3E6 Canada
General Phone Number: (403)547-2906
General Fax Number: (403)547-3129
MSDS Revision Date: June 1, 2008
Supercedes: June 23, 2005
Prepared By: HiTech Fluid Systems
Preparer's Phone: (403)547-2906

Section 2: Composition/Information on Ingredients

Chemical Name	Concentration	CAS#
Sodium Acid Pyrophosphate	100%	7758-16-9

Section 3: Hazards Identification

Emergency Overview:

Routes of Entry:

Skin Contact: Yes
Skin Absorption: No
Eye Contact: Yes
Inhalation: Yes
Ingestion: Yes

Potential Health Effects:

Skin:	Very hazardous in case of skin contact (irritant).
Eye:	Very hazardous in case of eye contact (irritant).
Inhalation:	Hazardous in case of inhalation.
Ingestion:	Hazardous in case of ingestion.

Section 4: First Aid Measures

Eye Contact:	Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.
Skin Contact:	Immediately wash exposed skin thoroughly and gently with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases, and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.
Inhalation:	Allow the patient to rest in a well ventilated area. Seek immediate medical attention.
Ingestion:	Do NOT induce vomiting. Loosen tight clothing, such as collar, tie, belt, or waistband. If the patient is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Other First Aid:

Section 5: Fire Fighting Measures

Conditions Of Flammability:

Extinguishing Media:	Use any means suitable for extinguishing surrounding fire. Extinguishing agents are dry chemical, foam, CO ₂
Flashpoint:	Not available
Upper Flammable Limit:	
Lower Flammable Limit:	
Autoignition Temperature:	Not available
Protective Equipment:	Evacuate are of all unnecessary personnel. Use NIOSH-approved self-contained breathing apparatus and other protective equipment if conditions warrant. Wate fog or spray may be used to cool exposed containers and equipment, to flush spills away from fire, and to disperse vapours.

Sensitivity To Impact or Static Discharge:

Hazardous Combustion Products:

Fire Comment:

Section 6: Accidental Release Measures

Personnel Precautions: Use proper personal protective equipment as listed in section 8.

Spill Cleanup Measures:

Section 7: Handling & Storage

Handling:

Storage:

Section 8: Exposure Controls, Personal Protection, Exposure Guidelines

Engineering Controls: Use adequate ventilation to control concentration below recommended exposure limits.

Personal Protective Equipment: Wear protective cotton gloves, safety glasses with side shields, and a dust mask.

Respiratory Protection: Respirators not generally required, unless needed to prevent respiratory irritation.

Exposure Limits: Not available

Chemical Name	ACGIH TLV-TWA	OSHA PEL-TWA
Sodium Acid Pyrophosphate	Not available	Not available

Section 9: Physical & Chemical Properties

Physical State: Solid

Odour And Appearance: White powder

Odour Threshold:

Boiling Point:

Evaporation Rate:

Melting Point: 220°C

Freezing Point:

Specific Gravity: Not available

Solubility in Water: Not available

Vapour Density:

Vapour Pressure:

pH:

Flash Point: Not available

Volatility (% by volume):

Coefficient of Water to Oil distribution:

Section 10: Stability & Reactivity

Chemical Stability: Yes

Hazardous Polymerization: Will not occur.

Conditions Of Chemical Instability:

Incompatible Substances: Acids

Special Decomposition Products: Phosphorous oxides

Section 11: Toxicological Information

Chemical Name	LD ₅₀ (Oral Rat)	LD ₅₀ (Dermal Rabbit)	LC ₅₀ (Inhalation Rat)
Sodium Acid Pyrophosphate	2650 mg/kg	Not available	Not available

Effects Of Acute Exposure:

Effects Of Chronic Exposure: Repeated inhalation of high dust concentrations may cause delayed lung injury. Repeated or prolonged exposure is not known to aggravate pre-existing conditions.

General Irritancy Of Product:

Sensitization:

Carcinogenicity:

Reproductive Toxicity:

Teratogenicity:

Embryotoxicity: Not Available

Mutagenicity:

Synergistic Products:

Section 12: Ecological Information

Ecotoxicity: Not Available

Environmental Fate: Not Available

Section 13: Disposal Considerations

Waste Disposal: Insure conformity with all applicable disposal regulations.

Section 14: Transport Information


TDG Classification: N/A

DOT UN Number: N/A

Shipping Notes: N/A

Section 15: Regulatory Information

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This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16: Additional Information

MSDS Revision Date: June 1, 2008

MSDS Revision Notes:

MSDS Author: HiTech Fluid Systems

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