

Material Safety Data Sheet

Sodium Acid Pyrophosphate (SAPP)

Section 1: Chemical Product and Company Identification

Product Name : Sodium Acid Pyrophosphate (SAPP)
Chemical Formula : $\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$
Company Identification : Tradeasia International Pte Ltd
Email : contact@chemtradeasia.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Sodium Acid Pyrophosphate (SAPP)	7758-16-9	100

Section 3: Hazards Identification

No known hazards

Section 4: First Aid Measures

Eye Contact : None required

Skin contact : None required

Inhalation/ingestion : If any symptoms following ingestion or inhalation obtain medical advice.

Section 5: Fire Fighting Measures

Governed by other materials present. No special fire-fighting equipment or measures required.

Section 6: Accidental Release Measures

Sweep up spillage and recover/recycle if possible. Otherwise place in a fiber keg or paper sack and dispose of as industrial waste.

Section 7: Handling and Storage

Handling:

Minimize dust formation.

Storage:

1. Protect from contamination,
2. Store in original, unopened package in clean, cool, dry place.
3. Store one pallet high to avoid compaction.

Section 8: Exposure Controls/Personal Protection

Regulations : None

Air contamination limits : None listed

Section 9: Physical and Chemical Properties

Form : Powder

Color : White

Odor : None

Change in physical state : Melts above 600°C

Bulk Density : 1.1-1.3 g/ml (50 taps)

Vapor pressure : Not applicable

Viscosity : Not applicable

Solubility : 11.9 g per 100 g water at 20°C

pH Value : 4.3 at 20°C (1% soln.)

Flash point : Not applicable

Ignition temperature : Does not burn or help other materials to burn

Explosion limits : Not relevant

Section 10: Stability and Reactivity Data

Thermal Decomposition : Loses water above 250°C to form Sodium Hexametaphosphate

Hazardous thermal decomposition products : None

Hazardous reactions : None

Section 11: Toxicological Information

The material, when of sufficient purity, is a permitted food additive. Sodium ions and diphosphate are normal constituents of the human body.

Section 12: Ecological Information

Ecological effects: Slowly hydrolyzed in water to orthophosphate, which can act as a plant nutrient and precipitate heavy metals.

Section 13: Disposal Considerations

Waste Disposal:

Sweep up spillage and recover/recycle if possible. Otherwise place in a fiber keg or paper sack and dispose of as industrial waste.

Section 14: Transport Information

Not classified as a substance hazardous for transport.

Section 15: Other Regulatory Information

Not classified as a substance hazardous for supply.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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