

4-Aminophenyl phosphate monosodium salt: sc-281392



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4-Aminophenyl phosphate monosodium salt
Product Number: sc-281392
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. Composition, Information on Ingredients

Molecular Weight: 211.09
Molecular Formula: C₆H₇NO₄PNa

<u>CAS-No.</u>	<u>EC-No.</u>	<u>Index-No.</u>	<u>Concentration</u>
4-Aminophenyl phosphate monosodium salt 108084-47-5	-	-	-

3. Hazards Identification

Emergency Overview

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated. Harmful if swallowed, inhaled or absorbed through skin. May cause eye and skin irritation. Material may cause irritation of mucous membranes and upper respiratory tract. Chronic Cancer suspect agent. Possible Risk of irreversible effects.

Target Organs: None known.

Potential Health Effects

Eye May cause eye irritation.
Skin May cause skin irritation.
Ingestion May cause digestive tract irritation.
Inhalation May cause respiratory tract irritation.

4. First Aid Measures

Eye In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.

Skin In case of contact, immediately flush skin with soap and copious amounts of water for at least 15 minutes.

Ingestion If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Notes to Physician Treat symptomatically and supportively.

5. Firefighting Measures

General Information

As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Media

In case of fire use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Autoignition Temperature	Not available.	Explosion Limits	Not available
Flash Point	Not available.	Lower:	Not available
NFPA Rating	Not published.	Upper:	Not available

6. Accidental Release Measures

General Information

Use proper personal protective equipment as indicated in 8.

Spills/Leaks

Sweep up, place in a bag and hold for waste disposal; avoid raising dust; ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Handling

Avoid ingestion and inhalation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage

Keep container tightly closed when not in use. Store in deep freeze (-20°C). Store dry. Protect from light.

8. Exposure Controls, Personal Protection

Engineering Controls

Use adequate ventilation to keep airborne concentrations low.

Exposure Limit

Not available.

Personal Protective Equipment

Eyes

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

Hand

Wear compatible chemical-resistant gloves to prevent skin exposure.

Clothing

Wear appropriate protective clothing to prevent exposure.

Respirator

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. Physical and Chemical Properties

Form	solid	pH	no data available
Boiling point	no data available	Flash point	no data available
Ignition temperature	no data available	Lower explosion limit	no data available
Vapor pressure	no data available	Upper explosion limit	no data available
Density	no data available	Water solubility	no data available
Relative vapor density	no data available	Odor	no data available
Odor Threshold	no data available	Evaporation rate	no data available
Auto-ignition temperature	no data available	Partition coefficient	no data available
Melting point	no data available	n-octanol/water	
Freezing point	no data available		

10. Stability and Reactivity

Stability Stable. Conditions to Avoid Incompatible materials, light. Incompatibilities Strong oxidizing agents. Hazardous Decomposition Products Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides, phosphorus oxides. Hazardous Polymerization Will not occur.

11. Toxicological Information

LD50/LC50

Not available.

Carcinogenity

Cancer suspect agent.

Epidemiology

Not available.

Teratogen

Not available.

Reproductive Effects

Not available.

Neurotoxicity

Not available.

Mutagen

Not available.

Other Studies

Free p-aminophenol is reported to be possible carcinogen, see

RTECS # SJ5075000

12. Ecological Information

Ecotoxicity

Not available.

Environmental Fate

Not available.

Physical/Chemical

Not available.

Other

Not available.

13. Disposal Considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber; observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. Regulatory Information

European / International Regulations

Hazard Symbols

Xn,N

R-Phrase No.

R68,R50/53,R20/22

S-Phrase No.

S28,S61,S60,S36/37

Risk Phrases

Possible risk of irreversible effects. Very toxic to aquatic organisms, may cause long- term adverse effects in the aquatic environment. Harmful by inhalation and if swallowed.

Safety Phrases

After contact with skin, wash immediately with plenty of soap- suds. Avoid release to the environment. Refer to special instructions/Safety data sheets. This material and its container must be disposed of as hazardous waste. Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

10/28/2013