



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Para - Aminobenzoic acid (PABA)

30-1040

Section 1: Identification

Product Name Para - Aminobenzoic acid (PABA)

Commercial Name Not available.

Product Use Not available.

Restrictions On Use Not available.

Product Code 30-1040

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: HEALTH HAZARDS Acute toxicity (Oral) Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Skin sensitization Category 1

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Avoid breathing. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Wear protective gloves/eye protection/face protection
Response	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Storage	Not available.
Disposal	Dispose of contents/container through a waste management company authorized by the local government

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Para- Aminobenzoic acid (PABA)
% By Weight 100
CAS# 150-13-0
Molecular Weight 137.14 g/mole
Chemical Formula C₇H₇NO₂
Synonym(s) para-Aminobenzoic acid; 4-Aminobenzoic acid

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Para- Aminobenzoic acid (PABA)	150-13-0	100	Not available.	ORAL (LD50):Acute: 6001mg/kg [Rat].2850 mg/kg[Mouse].

Section 4: First-Aid Measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
Symptoms/Effects	
Acute	nausea, vomiting, cyanosis, jaundice, rash
Delayed	Not available.

Immediate Medical Attention

A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles. Medical observation is indicated.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Dry chemical, foam, water spray, carbon dioxide.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Firefighters Special Equipment and Precautions

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc. Environmental precautions: Prevent product from entering drains. Methods and materials for containment and cleaning up: Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7: Handling and Storage

Handling Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Advice on safe handling: Avoid contact with skin, eyes and clothing. **Storage** Storage conditions: Keep container tightly closed. Store in a cool and dark place. Store under inert gas. Store away from incompatible materials such as oxidizing agents. Packaging material: Law is followed.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.
Personal Protection	Respiratory protection: Dust respirator. Follow local and national regulations. Hand protection: Protective gloves. Eye protection: Safety glasses. A face-shield, if the situation requires. Skin and body protection: Protective clothing. Protective boots, if the situation requires.

Section 9: Physical and Chemical Properties

Appearance	Physical state: Solid Form: Crystalline powder Color: White or off-white		
Odor	Weak odor		
Odor Threshold	Not available.		
Melting Point	186-189 °C	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Decomposes.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available
Partition Coefficient: n-octanol/water	0.83	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Soluble in : Alcohol Ethyl acetate Ether Slightly soluble in: Benzene Very slightly soluble in: Water (6g/L 25°C) Petroleum ether		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under proper conditions.
Hazardous Polymerization	Not available.
Conditions to Avoid	Light-sensitive, Air-sensitive
Incompatible Materials	oxidizing agents, ferric salts
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)

Section 11: Toxicological Information

RTECS	DG1400000
Acute Toxicity	orl-dog LD50:1 g/kg orl-mus LD50:2850 mg/kg orl-rat LD50:>6 g/kg orl-rbt LD50:1830 mg/kg
Skin Corrosion/Irritation	Not available
Serious Eye Damage/Irritation	Not available
Respiratory or Skin Sensitization	Not available
Germ Cell Mutagenicity	dnd-mus-ipr 1 g/kg
Carcinogenicity	Not available.
Reproductive Toxicity	Not available
Routes of Entry	Not available.

Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available.

Bioaccumulative Potential

log Pow: 0.83

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Hazards Class: Does not correspond to the classification standard of the United Nations UN-No: Not Listed

Section 15: Regulatory Information**Regulations**

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

Other

Not available.

Section 16: Other Information

The reference company name of written contents Company: CHANGZ HOU SUNLIGHT PHARMACEUTICAL CO., LTD.
Address: J iuli Street, Benniu Town, Wujin District, Changzhou City, J iangsu Province, China. Department: Sales Department
Telephone: +86-(0)519-83131668 Fax: +86-(0)519-83138041 This SDS was prepared sincerely on the basis of the informati on
we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and
toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the
organization, area and country where the products are to be used, which shall be given the first priority.products are supposed to
be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If
the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The
stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety
measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and
toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage.
The products must be handled only by those who are familiar with specialized knowledge and have experience or under the
guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on
each user's own responsibility.