
SDS

Product name: DPHP
MSDS No.: SH-029

Revision date: September 20, 2014

Safety Data Sheet

1. Identification of the Substance/Mixture and of the

Company/Undertaking

Chinese name of substance	Plasticizer DPHP
English name of substance	
Manufacturer's name	HENAN GP CHEMICALS CO.,LTD
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Management department	Technical Department
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Emergency telephone number	0371-55081173
State emergency telephone number	
Created date	September 20, 2014
Revision date	
Recommended use of substance	Plasticizer

2. Hazard Identification

GHS Classification

Physical and chemical hazards:	No data available
Potential health hazards:	No data available
Environment hazards	No data available
	The substance does not require registration.
	This information is not required.

Label elements:

Composition	Does not conform
National and regional info:	
Precaution	Do not release into the environment.

Product name: DPHP

Preventive measures: Keep away from fire, spark, flame and hot surface.
Keep container tightly closed.
Take anti-static measures, and perform grounding of containers and receiving equipment
Use explosion-proof apparatus, ventilation, lighting and other equipment.
Wear protective gloves, protective glasses (windproof), masks and other personal protective equipment.
Thoroughly clean hands after handling.
Handle the product under special guidance.
Do not handle before you read and understand all safety precautions.
Avoid breathing dust, smoke, gas, fume, steam and spray.
Do not eat, drink or smoke at work place.

First-aid measures: If the victim loses breath, seek medical attention.
Clean mouth if swallowed, and seek medical attention.
In case of eye contact, thoroughly wash with water for several minutes, and seek medical attention. In case of skin and hair contact, wash with soap and plenty of water. Immediately take off contaminated clothing.
If symptom persists, seek medical attention.

Disposal: Dispose the product by incineration and send the container to a qualified institution for disposal.

3. Composition/Information on Ingredients

Single substance/mixture: mixture

Chemical name	Content (%)	CAS NO.
DPHP	above 99.5%	53306-54-0

4. First-aid Measures

Immediately seek medical attention while implementing the following

Product name: DPHP

measures.

Eye contact: Wash eyes with plenty of water for over 5 minutes. In case of eye contact, wash with plenty of water and seek medical attention. Do not rub the eyes since it may injure the eyeball.

Skin contact: Immediately take off the contaminated clothes and shoes. In case of skin contact, immediately wash skin with plenty of water or soap water.

Ingestion: If vomiting occurs naturally, tilt the victim's body to prevent inhalation into respiratory tract (since the product may enter the lungs). If the event or symptom persists, seek medical attention immediately. In case of ingestion, immediately seek medical attention. Show the precautions on the container label and this MSDS to the doctor. Wash mouth with water in case of ingestion (only if the victim is conscious).

Inhalation: Move the victim to fresh air and keep at rest. If vomiting occurs naturally, tilt the victim's body to prevent inhalation into respiratory tract. Rinse mouth with water.

Protection of first-aiders Avoid contacting hazardous substance and wear suitable protective equipment (refer to the contact control/personal protection section).

Precautions for doctors Immediately seek medical attention, and show the doctor the precautions on container label and this MSDS.

5. Firefighting Measures

Suitable extinguishing media: Foam, water spray, dry sand, powder

Unsuitable extinguishing agent: No data available.

Product name: DPHP

- Specific extinguishing method:** 1. Around the fire
If difficult to move, spray water to containers, packages and the around area.
2. Fire spot
Cut off the fire source. Use suitable extinguishing agent at the upwind.
- Protection of firefighters:** Since fire may produce hazardous gas and smoke, the firefighters should wear suitable respiratory protective equipment (air-feed gas mask, self-contained breathing apparatus).

6. Accidental Release Measures

Operate according to relevant regulations.

- Personal precautions:** Operators must wear suitable protective equipment and work at the upwind direction (refer to the contact control/person protection section).
- In case of indoor release, keep good ventilation until the end.
- Set isolation belt around the leak area to prevent irrelevant persons from entering.

- Environmental precautions:** Avoid release into rivers and public waterways.

- Elimination: Recovery** Try to recover the product into closed containers. Absorb the product with soil and sand, and then recover into closed containers.
- No sparking tooling should be used.

- Disposal** Destroy the product in accordance with the waste precautions.

- Prevention of secondary disasters** Immediately remove potential ignition sources nearby. Open flame is strictly forbidden.
- Persons other than the operators are strictly forbidden to enter the leak place.
- In case if a great deal of product enters rivers or public waterways, immediately contact local governmental public safety

Product name: DPHP

management.

7. Handling and Storage

Operate according to relevant regulations.

Precautions for handling:

Handling:

Carefully handle and open the container.

Do not eat or drink when handling.

Avoid skin contact.

Avoid eye contact.

In case of eye contact, immediately wash with plenty of water and seek medical attention.

Immediately remove all clothes contaminated.

In case of skin contact, immediately rinse with plenty of water and soap water.

Technical measures:

Provide anti-static devices at the work area.

Hot objects, sparks and hot work are forbidden.

Explosion-proof equipment (increased safety) should be used.

Provide safe showers, basins, and eye bath, etc. near the work place.

Do not wear contact lenses during work.

Wear goggles, masks and other protective equipment.

Wear suitable protective clothes, goggles/masks and other protective equipment.

Thoroughly clean hands and eyes after handling.

Precautions:

Handle the product at a well-ventilated place.

Work at a place equipped with local ventilation and exhaust device.

Precautions for safe use:

No advice.

Storage precautions:

Suitable storage conditions

Product name: DPHP

According to laws and regulations, keep the product in fireproof structures and store indoors.

Store the container at a well-ventilated place.

Keep away from hot sources.

Keep away from fire sources – no smoke.

Keep the container tightly closed and lock it.

8. Contact Control/Personal Protection

Equipment measures for exposure reduction: Use at places equipped with overall or local ventilation facilities.

Provide safe showers, basins and eye bathes near the work area.

Permissible concentration

No data available

Testing method

Not applicable

Protective equipment:

Eye protection: wind-proof goggles, disaster-proof masks

Respiratory protection: in case of plenty of use or confined place, use gas mask (air-feed mask, self-contained breathing apparatus).

Hand protection: impermeable gloves (made of polyurethane, etc.)

Skin and body protection: labor protection suit (long-sleeved, anti-static protective apparatus), labor protection shoes (anti-static safety shoes).

9. Physical and Chemical Properties

Color:	Colorless
Odor:	Odorless
Status:	Liquid
pH:	6 (25°C)
Specific temperature/temperature range for physical state changes:	No data available
Melting point (°C):	N/A
Boiling point:	251-254°C at 7mmHg

entrust a qualified department for disposal by signing an agreement.

14. Transport Information

Land:	Load and transport according to relevant laws.
Marine:	Load and transport according to relevant laws.
Air:	Load and transport according to relevant laws.
Special safety measures and conditions	Carry safety appliance and fire extinguishers. Ensure that the connections of individual containers are free from leak, and prevent tilting, falling and damage during loading. Take measures to prevent collapsing.
International classification	None
Dangerous goods No.	None
UN No.	None
Packaging mark	None
Packaging group	None
Packaging method	53GPB, IBC ton barrel, tank lorry, liquid bag

15. Regulatory Information

Regulations on the Control over Safety of Dangerous Chemicals (Decree No. 591 of the State Council of the People's Republic of China, March 2, 2011): gives corresponding provisions on the safe production, use, storage, transportation and handling of dangerous chemicals.

Classification and code of dangerous goods (GB 6944-2005): Defines the classification and codes of dangerous goods, applicable to the transportation, storage, production, operation, use and disposal of dangerous goods.

The Principle of Classification of Transport Packaging Groups of Dangerous Goods (GB/T 15098-2008): Defines the basic principles of classification of transport packaging groups of various dangerous goods, used by the dangerous goods production, storage, transport, and test departments as basis of determining packaging groups when conducting performance test and detection on the transport packages of dangerous goods.

Classification and Labels of Dangerous Chemical Substances Commonly Used (GB 13690-2009): provides classification of dangerous chemical substances commonly used according their hazardous properties, and defines the packaging marks of dangerous goods.

Occupational Exposure Limit for Hazardous Agents in the Workplace

Product name: DPHP

(GBZ2.1-2007): defines the occupational exposure limit for all hazardous agents in the workplace, applicable to various employers producing, using or generating hazardous agents.

Safety data sheet for chemical products – content and order of sections (GB/T 16483-2008)

Labeling of Chemicals Based on GHS (GB/T 22234-2008)