



Green Chemicals Co., Ltd.

Address: No.6,DingLan Road, AoYang Industrial Park, FuNing,YanCheng, P.R.China
Contact: Manager Jiang Tel: +86-515-87883661 E-mail:market@greenchem-china.com

MATERIAL SAFETY DATA SHEET

819 DW

Revision Date:03/13/2019

1. CHEMICAL PRODUCT & COMPANY INFORMATION

Company Information	Green Chemicals Co., Ltd No.6, DingLan Road, AoYang Industrial Park, FuNing,YanCheng, P.R.China
Phone Number:	+86-515-87883661
Email:	market@greenchem-china.com
Website:	www.greenchem-china.com/
Use:	For industrial use only

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical hazard: Not Classified

Skin sensitisation (Category 1), H317

Long-term (chronic) aquatic hazard(Category 4), H413

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2. GHS Label elements, including precautionary statements

Pictogram



Signal Word:

Warning

Hazard statement(s)

H317

May cause an allergic skin reaction.

H413

May cause long lasting harmful effects to aquatic life.

Precautionary statement(s)

P261

Avoid inhaling vapors/sprays

P272

Contaminated work clothing should not be allowed out of the workplace.

P273

Avoid release to the environment

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352

IF ON SKIN: Wash with plenty of water.

P321

Specific treatment (see ... on this label).



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P333 + P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to ...
Supplemental Hazard Statements	None

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) .

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Synonyms:	Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide
Formula:	C ₂₆ H ₂₇ O ₃ P
CAS-No.	162881-26-7

3.2 Hazardous components

Component	Classification	Concentration
Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	-	40 - 100%

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:

Consult a physician. Show this safety data sheet to the doctor in attendance.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin: If clothing is contaminated, remove and launder before reuse. Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs.

Inhalation: Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media



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Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Special hazards: Carbon oxides, poisonous and corrosive gases or vapors.

5.3 Advice for firefighters

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Method for cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

No data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

Exposure Guidelines: Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.



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Personal Protective Equipment.

Eye/Face Protection:	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards.
Skin Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection:	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory Protection:	Use NIOSH approved respirator as needed to mitigate exposure.
Control of environmental exposure:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	liquid
Color:	Colourless, light yellow
Odor:	N/A
Initial boiling point and boiling range:	100 °C at 1.013 h Pa-lit.
Freezing/Melting Point:	N/A
Water solubility :	N/A
Vapor Density:	N/A
Vapor Pressure:	N/A
Relative density:	1.036g/cm ³ at 20 °C
Specific Gravity:	N/A
Viscosity:	N/A
PH:	6.8
Partition Coefficient (Octanol/Water):	N/A
Flash point:	N/A

10. STABILITY AND REACTIVITY

Chemical stability :	Stable under recommended storage conditions.
Conditions to Avoid:	Heat, sparks and fire. Avoid exposure to high temperature or direct sunlight. Avoid freezing.
Incompatible materials:	Strong oxidizing agents, strong acids, strong bases.
Possibility of Hazardous	No data available
Hazardous decomposition products :	No data available



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11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	No data available
Skin Irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitisation:	No data available
Carcinogenicity (IARC; NTP; OSHA; ACGIH):	No data available
Mutagenicity:	No data available
Reproductive Toxicity:	No data available
Teratogenicity:	No data available
Neurotoxicity:	No data available
Subacute Toxicity:	No data available
Subchronic Toxicity:	No data available
Additional Information:	No data available

12. ECOLOGICAL INFORMATION

Toxicity to Fish:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Results of PBT and vPvB assessment test:	No data available
Other adverse effects:	May cause long lasting harmful effects to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product :	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging:	Return the container to the manufacturer or dispose of it in accordance with national and local regulations.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT):

Not regulated for this mode of transport.

International Maritime Dangerous Goods (IMDG):

Not regulated for this mode of transport.

International Air Transportation Authority (IATA):

Not regulated for this mode of transport.



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15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
All components	-		-
European Inventory of Existing Commercial Chemical Substances (EINECS)			Listed.
EC Inventory			Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.

16. OTHER INFORMATION

Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Yancheng Green Chemicals Co.,Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.