

SAFETY DATA SHEET

Antioxidant 626

SUQIAN UNITECHEM CO., LTD

SDS

• According to GHS (Seventh Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

| | |
|-------------------|-----------------|
| Product Name | Antioxidant 626 |
| Synonyms | - |
| CAS No. | 26741-53-7 |
| EC No. | 247-952-5 |
| Molecular Formula | - |

> Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

| | |
|--------------------------|---|
| Relevant Identified Uses | Antioxidant, plastic additive, stabilizer |
|--------------------------|---|

> Details of the Supplier of the Safety Data Sheet

| | |
|---------------------|--|
| Applicant Name | SUQIAN UNITECHEM CO., LTD |
| Applicant Address | 22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL PARK, SUQIAN, CHINA |
| Applicant Post Code | 223800 |
| Applicant Telephone | +86-527-80805270 |
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| Applicant E-mail | TechSupport@china944.com |
| Supplier Name | SUQIAN UNITECHEM CO., LTD |
| Supplier Address | 22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL PARK, SUQIAN, CHINA |
| Supplier Post Code | 223800 |
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| Supplier Fax | +86-527-84829099 |
| Supplier E-mail | TechSupport@china944.com |

> Emergency Phone Number

| | |
|------------------------|------------------|
| Emergency Phone Number | +86-527-84836111 |
|------------------------|------------------|

Section 2 Hazards Identification

> Hazard class and label elements of the product according to GHS:

> GHS Hazard Class

Aquatic Chronic 1, H410 Very toxic to aquatic life with long lasting effects

> GHS Label Elements

Pictogram**Signal Word**

Warning

> Hazard Statements**H410**

Very toxic to aquatic life with long lasting effects.

> Precautionary Statements**Prevention****P273**

Avoid release to the environment.

Response**P391**

Collect spillage.

Storage

No information available

Disposal**P501**

Dispose of contents/ container to an approved waste disposal plant.

> Other Hazards

No information available

Section 3 Composition/Information on Ingredients

| Component | Concentration (weight percent, %) | CAS No. | EC No. |
|--|-----------------------------------|------------|-----------|
| Bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite | <=100 | 26741-53-7 | 247-952-5 |

Section 4 First Aid Measures

> Description of First Aid Measures**General Advice**

Take affected persons out of danger area and lay down.
In case of irregular breathing or respiratory arrest provide artificial respiration.

Eye Contact

Rinse opened eye for several minutes under running water.
Remove contact lenses, if present and easy to do. Continue rinsing.

Skin Contact

Generally the product does not irritate the skin.

Ingestion

Rinse out mouth and then drink plenty of water.

Inhalation

Move the exposed person to fresh air at once. Consult a physician for specific advice.

> Most Important Symptoms and Effects, both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or section 11.

> Indication of Any Immediate Medical Attention and Special Treatment Needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 Fire Fighting Measures

> Extinguishing Media**Suitable Extinguishing Media**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable Extinguishing Media

Water with full jet

> Specific Hazards Arising from the Substance or Mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide

Carbon dioxide

Phosphorus compounds

> Advice for Firefighters

Protective equipment: Wear self-contained respiratory protective device.

> Further information

Cool endangered receptacles with water spray.

Collect contaminated fire-fighting water separately. It must not enter the sewage system.

Section 6 Accidental Release Measure

> Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation.

Wear protective clothing.

Keep away from ignition sources.

Avoid formation of dust

> Environmental Precautions

Do not allow to enter sewers/ surface or ground water

> Methods and Materials for Containment and Cleaning Up

Pick up mechanically.

Dispose of the material collected according to regulations.

Section 7 Handling and Storage

> Precautions for Handling

Avoid dust formation. Use personal protective clothing. Ensure good ventilation/exhaustion at the workplace

> Precautions for Storage

Keep container tightly closed and dry; store in a cool place.

The packed product is not damaged by low temperatures or by frost.

The packed product will not be damaged by high temperatures.

Section 8 Exposure Controls/Personal Protection

> Control Parameters**Occupational Exposure Limit Values**

No information available

Biological Limit Values

No information available

Monitoring Methods

No information available

> Engineering Controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

> Personal Protection Equipment**Eye Protection**

Safety glasses

Respiratory protection

Use respiratory equipment with particle filter, type P2.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Hand Protection

- Material of gloves:

Butyl rubber, BR

Nitrile rubber, NBR

PVC gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer

Body protection

Protective work clothing

Other protection

Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact.

Section 9 Physical and Chemical Properties

Appearance: White solid**Odor:** Phenolic.**Odor Threshold:** No information available**pH:** No information available**Melting Point/Freezing Point(°C) :** 170-180**Initial Boiling Point and Boiling Range(°C):** No information available**Flash Point(°C) (Closed Cup):** No information available**Evaporation Rate:** No information available**Flammability:** No information available**Upper/lower explosive limits[% (v/v)]:** Upper limit: No information available; Lower limit: No information available.**Vapor Pressure:** No information available**Relative Vapour Density (Air=1):** No information available**Relative Density (Water=1):** No information available**Solubility in water:** No information available**n-Octanol/Water partition Coefficient:** No information available**Auto-Ignition Temperature(°C):** Not auto-ignition**Decomposition Temperature(°C):** No information available**Kinematic Viscosity(mm²/s):** No information available**Particle characteristics:** No information available

Section 10 Stability and Reactivity

| | |
|---|--|
| Reactivity | No information available |
| Chemical Stability | Stable under normal temperature conditions and recommended use. |
| Possibility of Hazardous Reactions | No dangerous reactions known. |
| Conditions to Avoid | Water, moisture |
| Incompatible Materials | Acids, oxidizing. |
| Hazardous Decomposition products | Thermal decomposition may produce the following: Oxides of phosphorus; Phosphite and phosphate ester fragments; Hydrocarbon fragments; Carbon monoxide and dioxide; Aluminum oxides; Hydrolysis produces the following: Phosphorus acid; Hindered phenols; Pentaerythritol. Under elevated temperatures, hydrolysis may produce phosphine Hazardous Polymerization will not occur |

11 TOXICOLOGICAL INFORMATI

Section 11 Toxicological Information

> Acute Toxicity

LD50 rat (oral): > 5,000 mg/kg (similar to OECD guideline 401)

LD50 rat (dermal): > 2,000 mg/kg (OECD Guideline 402)

> Skin Corrosion/Irritation

No information available.

> Serious Eye Damage/Irritation

No information available.

> Respiratory Sensitization

No information available.

> Germ Cell Mutagenicity

No information available.

> Carcinogenicity

| ID | CAS No. | Component | IARC | NTP |
|----|------------|--|------------|------------|
| 1 | 26741-53-7 | Bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite | Not listed | Not Listed |

> Reproductive Toxicity

No information available.

> Reproductive Toxicity (Additional)

No information available

> STOT-Single Exposure

No information available.

> STOT-Repeated Exposure

No information available.

> Aspiration Hazard

No information available.

Section 12 Ecological Information

> Toxicity

Very toxic to aquatic life with long lasting effects.

> Others

| | |
|---|--|
| Persistence and Degradability | Poorly biodegradable |
| Bioaccumulative potential | Not significantly accumulate in organism |
| Results of PBT and vPvB assessment | The substance is not PBT/ vPvB |
| Additional information | No information available. |

Section 13 Disposal Considerations

| | |
|-------------------------------|--|
| Waste Chemicals | Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. |
| Contaminated Packaging | Dispose of waste and residues in accordance with local authority requirements. |

Section 14 Transport Information

Transporting Label

| | |
|--------------------------------|--|
| UN Number | 3077 |
| UN Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. |
| Transport Hazard Class | 9 |
| Transport Subsidiary | None |

Hazard Class
Packing Group III
Marine pollutant yes

Section 15 Regulatory information

> International Chemical Inventory

| Component | EINECS | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AICS | ENCS |
|-----------------|--------|------|-----|-------|-------|-------|------|------|------|
| Antioxidant 626 | √ | √ | √ | √ | √ | √ | √ | √ | √ |

【EINECS】 European Inventory of Existing Commercial Chemical
【TSCA】 United States Toxic Substances Control Act Inventory
【DSL】 Canadian Domestic Substances List.
【IECSC】 China Inventory of Existing Chemical
【NZIoC】 New Zealand Inventory of Chemicals.
【PICCS】 Philippines Inventory of Chemical Substances
【KECI】 Existing and Evaluated Chemical Substances.
【AICS】 Australia Inventory of Chemical Substances.
【ENCS】 Existing and Evaluated Chemical Substances.

Note

“√” Indicates that the substance included in the regulations
 “x” That no data or included in the regulations

Section 16 Additional Information

Creation Date 2018/1/6
Revision Date 2022/3/6
Reason for Revision -

> Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 7th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purpose. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.