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SECTION 1: Identification of the substance/mixture and of the company**Product Identifier**

Product Name: PowerNox™ 2266

Chemical Name: 6,6'-Methylenebis(2,4-di-tert-butylphenol)

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet**Company**

Tintoll Performance Materials Co.,Ltd.

A-703, No. 50 Jialingjiang East St, Nanjing, China

Email: SDS@TinToll.com

Emergency Telephone Number: +86-25-8468-0091**SECTION 2: Hazardous identification****OSHA Haz Com: CFR 1910.1200**

Skin Corrosion/Irritation [Category 2]

WHMIS 2015

Eye Damage/Irritation [Category 2A]

Signal word: Warning!**Hazard Statement(s)**

Causes skin irritation

Causes serious eye irritation

Pictogram(s) or Symbol(s)**Precautionary Statement(s)**

Prevention

Wash hands and face thoroughly after handling. Wear protective gloves, eye protection.

Response

If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse. 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 or attention.

Hazards not otherwise classified

None.

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SECTION 3: Composition/information on ingredients

Substance/mixture:	Substance
Components:	6,6'-Methylenebis(2,4-di-tert-butylphenol)
Percent:	>95.0%(GC)
CAS RN:	14362-12-0
Molecular Weight:	424.67
Chemical Formula:	C ₂₉ H ₄₄ O ₂
Synonyms:	Bis(3,5-di-tert-butyl-2-hydroxyphenyl)methane , 2,4-Di-tert-butyl-6-(3,5-di-tert-butyl-2-hydroxybenzyl)phenol

SECTION 4: First aid measures**Description of 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

Get medical advice/attention if you feel unwell. Rinse mouth.

Symptoms/effects**Acute**

No data available

Delayed

No data available

Indication of any immediate medical attention

Not available.

Notes to physician

No data available

SECTION 5: Firefighting measures

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Suitable extinguishing media

Dry chemical, foam, water spray, carbon dioxide.

Hazardous combustion products

None

Other specific hazards

Closed containers may explode from heat of a fire.

Advice for firefighters

Wear self-contained breathing apparatus if possible.

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**Precautions for safe handling**

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. Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities**Storage conditions**

Keep container tightly closed. Store in a cool and dark place.
Store away from incompatible materials such as oxidizing agents.

Packaging material

Comply with laws.

SECTION 8: Exposure Controls/Personal Protection**Appropriate engineering controls**

Follow safe industrial engineering/laboratory practices when handling any chemical. Install closed

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system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Personal protective equipment

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

Physical state (20°C):	Solid
Colour:	White - Yellow
Odour:	No data available
Odor threshold:	No data available
Odour threshold:	No data available
Melting point/freezing point:	150°c
Boiling point/range:	No data available
Boiling point/range:	No data available
Boiling point/range:	No data available
Kinematic viscosity:	No data available
Log Pow:	No data available
pH:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Dynamic Viscosity:	No data available
Evaporation rate(Butyl Acetate=1):	No data available
Flash point:	No data available
Autoignition temperature:	No data available
Flammability(solid, gas):	No data available
Flammability or explosive limits:	
Lower:	No data available
Upper:	No data available
Solubility(ies):	
Water:	No data available

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Other solvents: No data available

SECTION 10: Stability And Reactivity

Reactivity

No data available

Chemical stability

Stable under proper conditions.

Possibility of hazardous reactions

No special reactivity has been reported.

Incompatible materials

Oxidizing agents

Hazardous decomposition products

Carbon monoxide, Carbon dioxide

SECTION 11: Toxicological Information

Acute Toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

IARC: No data available

NTP: No data available

OSHA: No data available

Reproductive toxicity

No data available

Target organ(s)

No data available

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SECTION 12: Ecological Effects**Ecotoxicity**

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability

No data available

Bioaccumulative potential(BCF)

No data available

Mobility in soil

Log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law (PaM 3/mol): No data available

SECTION 13: Disposal considerations**Disposal of product**

Recycle to process if possible. It is the generator's responsibility to comply with Federal, State and Local rules and regulations. 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. This section is intended to provide assistance but does not replace these laws, nor does compliance in accordance with this section ensure regulatory compliance according to the law. US EPA guidelines for Identification and Listing of Hazardous Waste are listed in 40 CFR Parts 261. The product should not be allowed to enter the environment, drains, water ways, or the soil.

Disposal of container

Dispose of as unused product. Do not re-use empty containers.

Other considerations

Observe all federal, state and local regulations when disposing of the substance.

SECTION 14: Transport Information**ADR/RID**

Not dangerous goods

IMDG

Not dangerous goods

IATA

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Not dangerous goods

SECTION 15:Regulatory Information

Toxic Substance Control Act (TSCA 8b.)

This product is NOT on the EPA Toxic Substances Control Act (TSCA) inventory. The following notices are required by 40 CFR 720.36 (C) for those products not on the inventory list:

- (i) These products are supplied solely for use in research and development by or under the supervision of a technically qualified individual as defined in 40 CFR 720.0 et sec.
- (ii) The health risks of these products have not been fully determined. Any information that is or becomes available will be supplied on a SDS sheet.

US Federal Regulations

CERCLA Hazardous substance and Reportable Quantity

SARA 313: Not Listed

SARA 302: Not Listed

State Regulations

State Right-to-Know

Massachusetts	Not Listed
New Jersey	Not Listed
Pennsylvania	Not Listed
California Proposition 65	Not Listed

Other Information

NFPA Rating

Health	2
Flammability	0
Instability	0

HMIS Classification:

Health	2
Flammability	0
Physical	0

International Inventories

Canada: NDSL	On NDSL
EC-No	238-334-6

SECTION 16:Other Information



Further information

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.