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Material Safety Data Sheet

# SECTION 1:CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Parylene N dimer Company: Suzhou YACOO Science Co., Ltd. Address: No.128,FangZhou Road,Suzhou Industral Park,China Tel: 0512-87182055 Fax: 0512-87182056

# **SECTION 2: Hazards identification**

#### Summary of emergency

crystalline white If breathed in, move person into fresh air., If not breathing, give artificial respiration. Wash off with soap and plenty of water. Flush eyes with water as a precaution. Never give anything by mouth to an unconscious person., Rinse mouth with water.

# **2.1GHS Classification**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).
2.2GHS Label elements, including precautionary statements
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).
2.3Physical and chemical hazards
Referring to current information, no physical or chemical hazard.
2.4Health hazards
Referring to current information, no health hazard.
2.5Environmental hazards
Referring to current information, no environmental hazard.
2.6Other hazards - none

# **SECTION 3: Composition/information on ingredients**

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Substance / Mixture:	Substance		
3.1Substances			
Synonyms:	Tricyclo[8.2.2.24,7]hexadeca-4,6,10,12,13,15-hexaene		
Formula:	C16H16		
Molecular weight:	208.30 g/mol		
CAS-No.:	1633-22-3		
EC-No.:	216-644-2		
No components need to be disclosed according to the applicable regulations.			
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# **SECTION 4: First aid measures**

4.1Description of first-aid measures If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water. In case of eye contact Flush eyes with water as a precaution. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. 4.2Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 4.3Indication of any immediate medical attention and special treatment needed No data available 4.4Notes to physician No data available

# **SECTION 5: Firefighting measures**

5.1Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
5.2Special hazards arising from the substance or mixture
Carbon oxides
5.3Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

#### **SECTION 6: Accidental release measures**

6.1Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.
6.2Environmental precautions
Do not let product enter drains.
6.3Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.
6.4Reference to other sections
For disposal see section 13.

# **SECTION 7: Handling and storage**

7.1Precautions for safe handlingAdvice on protection against fire and explosionProvide appropriate exhaust ventilation at places where dust is formed.Hygiene measuresGeneral industrial hygiene practice. For precautions see section 2.2.





7.2Conditions for safe storage, including any incompatibilities Storage conditions Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class

Storage class (TRGS 510): 13: Non Combustible Solids

## **SECTION 8: Exposure controls/personal protection**

8.1Control parameters Ingredients with workplace control parameters We are not aware of any national exposure limit.

8.2Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate

government standards such as NIOSH (US) or EN 166(EU).

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.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection** 

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

#### **SECTION 9: Physical and chemical properties**

9.1Information on basic physical and chemical properties				
a)Physical state c	rystalline			
b)Color w	hite			
c)Odor N	Jo data available			
d)Melting point/freezing point	Melting point/range: 285 - 288 ° C - lit.			
e)Initial boiling point and boiling range No data available				
f)Flammability (solid, gas)	(solid, gas) No data available			
g)Upper/lower flammability or explosive limits No data available				
h)Flash point	No data available			
i)Autoignition temperature	No data available			
j)Decomposition temperature	No data available			
k)pH	No data available			





1)Viscosity Viscosity, kinematic: No data available Viscosity, dynamic: No data available No data available m)Water solubility n)Partition coefficient: n-octanol/water No data available o)Vapor pressure No data available p)Density No data available Relative density No data available q)Relative vapor density No data available r)Particle characteristics No data available s)Explosive properties No data available t)Oxidizing properties No data available 9.20ther safety information No data available

# **SECTION 10: Stability and reactivity**

10.1Chemical stability
Stable under recommended storage conditions.
10.2Possibility of hazardous reactions
No data available
10.3Conditions to avoid
No data available
10.4Incompatible materials
Strong oxidizing agents
10.5Hazardous decomposition products
In the event of fire: see section 5

#### **SECTION 11: Toxicological information**

11.1Information on toxicological effects Acute toxicity Oral: No data available Inhalation: No data available Dermal: No data available Skin corrosion/irritation No data available Serious eye damage/eye irritation No data available

Respiratory or skin sensitization No data available Germ cell mutagenicity No data available Carcinogenicity No data available Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure







No data available Aspiration hazard No data available 11.2Additional Information No data available

# **SECTION 12: Ecological information**

12.1Toxicity
No data available
12.2Persistence and degradability
No data available
12.3Bioaccumulative potential
No data available
12.4Mobility in soil
No data available
12.5Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6Endocrine disrupting properties
No data available
12.7Other adverse effects
No data available

## **SECTION 13: Disposal considerations**

13.1 Waste treatment methodsProductOffer surplus and non-recyclable solutions to a licensed disposal company.Contaminated packagingDispose of as unused product.

# SECTION 14: Transport information

14.1UN number				
ADR/RID: -	IMDG: -	IATA-DGR: -		
14.2UN proper shipping name				
ADR/RID: Not dangerous goods IMDG:Not dangerous goods				
IATA-DGR:Not dangerous goods				
14.3Transport hazard class(es)				
ADR/RID: -	IMDG: -	IATA-DGR: -		
14.4Packaging group				
ADR/RID: -	IMDG: -	IATA-DGR: -		
14.5Environmental hazards				
ADR/RID: no	IMDG Marine pollutant: no	IATA-DGR: no		
14.6Special precautions for user				
14.7Incompatible materials				
Strong oxidizing agents				





# Further information

Not classified as dangerous in the meaning of transport regulations.

#### **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture National regulatory information

# Other regulations Please pay attention on the waste treatment should also comply with local regulations requirement.

#### **SECTION 16:OTHER INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

