TCI (Shanghai) DEVELOPMENT CO., LTD.

Tetraphenylcyclopentadienone

Revision number: 1

Revision date: 12/01/2010

Page 1 of 3

Revision date: 12/01/2010

# SAFETY DATA SHEET

# 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: Product code: Company: Address: Responsible Department: Telephone: Fax: e-mail: Revision number: Tetraphenylcyclopentadienone T1062 TCI (Shanghai) DEVELOPMENT CO., LTD. No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 China Sales Department +86-(0)21-67121386 +86-(0)21-67121385 sales@tcishanghai.com.cn 1

#### 2. HAZARDS IDENTIFICATION

**Classification of the GHS** Not classified PHYSICAL HAZARDS Not classified **HEALTH HAZARDS ENVIRONMENTAL HAZARDS** Not classified **GHS** label elements Pictograms or hazard symbols None Signal word No signal word None **Hazard statement** None **Precautionary statements** 

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance/mixture:SubstanceComponent(s):TetraphenylcyclopentadienonePercent:>98.0%(LC)CAS Number:479-33-4Chemical Formula:C29H20O

4. FIRST AID MEASURES

Inhalation:Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br/>Get medical advice/attention if you feel unwell.Skin contact:Remove/Take off immediately all contaminated clothing. Rinse skin with<br/>water/shower. If skin irritation or rash occurs: Get medical advice/attention.<br/>Rinse cautiously with water for several minutes. Remove contact lenses, if present<br/>and easy to do. Continue rinsing. If eye irritation persists: Get medical<br/>advice/attention.Ingestion:Get medical advice/attention if you feel unwell. Rinse mouth.Protection of first-aiders:A rescuer should wear personal protective equipment, such as rubber gloves and air-<br/>tight goggles.

#### **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media:	Dry chemical, foam, water spray, carbon dioxide.
Specific methods:	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.
Special protective equipment for firefighters:	When extinguishing fire, be sure to wear personal protective equipment.

Prevent dispersion of dust. Wash hands and face thoroughly after handling.

#### 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.
7. HANDLING AND STORAGE Handling	
Technical measures:	Handling is performed in a well ventilated place. Wear suitable protective equipment.

# Advice on safe handling:

#### Storage

Storage conditions:	Keep container tightly closed. Store in a cool and dark place.
-	Store away from incompatible materials such as oxidizing agents.
Packaging material:	Law is followed.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

Use a local exhaust if dust or aerosol will be generated.

Avoid contact with skin, eyes and clothing.

#### 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.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C):	Solid
Form:	crystal - powder
Color:	Black
Odor:	No data available
pH:	No data available
Melting point/freezing point	:217 °C
Boiling Point/Range:	No data available
Flash Point:	No data available
Explosive limits	
Lower:	No data available
Upper:	No data available
Density:	No data available
Solubility:	Soluble in : Benzene

#### **10. STABILITY AND REACTIVITY**

Stability:Stable under proper conditions.Reactivity:No special reactivity has been reported.Incompartible materials:oxidizing agentsHazardous DecompositionCarbon monoxide, Carbon dioxideProducts:Output

# **11. TOXICOLOGICAL INFORMATION**

Acute Toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye	No data available
damage/irritation:	

Germ cell mutagenicity:	No data available
Carcinogenicity:	

IARC =	No data available
NTP =	No data available
Reproductive toxicity:	No data available

# **12. ECOLOGICAL INFORMATION**

Ecotoxicity:	
Fish:	No data available
Crustacea:	No data available
Algae:	No data available
Persistence / degradability:	No data available
Bioaccumulative	No data available
potential(BCF):	
Mobillity in soil	
log Pow:	No data available
Soil adsorption (Koc):	No data available
Henry's Law	No data available
constant(PaM <sup>3</sup> /mol):	

#### **13. DISPOSAL CONSIDERATIONS**

Recycle to process, if possible. Consult your local regional authorities. 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. Observe all federal, state and local regulations when disposing of the substance.

# **14. TRANSPORT INFORMATION**

Hazards Class: UN-No: Does not correspond to the classification standard of the United Nations Not Listed

#### **15. REGULATORY INFORMATION**

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

# **16. OTHER INFORMATION**

# The reference company name of written contentsCompany:TCI (Shanghai) DEVELOPMENT CO., LTD.Address:No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 ChinaDepartment:R&D (Information Management) DepartmentTelephone:+86-(0)21-67121388\*461Fax:+86-(0)21-67121385

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