TCI (Shanghai) DEVELOPMENT CO., LTD.

1,2-Dihydroxyindan

**Revision number: 1** 

Revision date: 11/30/2010

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Revision date: 11/30/2010

# 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:** 

1,2-Dihydroxyindan D3311 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 PHYSICAL HAZARDS HEALTH HAZARDS** Skin corrosion/irritation Serious eye damage/eye irritation **ENVIRONMENTAL HAZARDS GHS** label elements Pictograms or hazard symbols



Signal word Hazard statement

**Precautionary statements** [Prevention]

[Response]

Not classified

Category 2 Category 2A Not classified

Warning Causes skin irritation Causes serious eye irritation

Wash hands thoroughly after handling. Wear protective gloves/eye protection/face protection. 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/attention. IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

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

Substance/mixture:	Substance
Component(s):	1,2-Dihydroxyindan
Percent:	>98.0%(GC)
CAS Number:	4370-02-9
Synonyms:	1,2-Indandiol
Chemical Formula:	$C_9H_{10}O_2$

# 4. 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.

	IRST AID MEASURES	
4. F	Skin contact:	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of
	Skill contact.	soap and water. If skin irritation or rash occurs: Get medical advice/attention.
	Evo contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present
	Eye contact:	and easy to do. Continue rinsing. If eye irritation persists: Get medical
		advice/attention.
	Ingestion	
	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-
		tight goggles.
5 F	<b>IRE-FIGHTING MEASURES</b>	
0.1	Suitable extinguishing	, Dry chemical, foam, water spray, carbon dioxide.
	media:	Bry chomical, roam, water opray, carbon dioxido.
	Specific methods:	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing
	opeonie methodol	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	When extinguishing fire, be sure to wear personal protective equipment.
	equipment for firefighters:	······································
	- 1	
6. A	CCIDENTAL RELEASE ME	ASURES
••••	Personal precautions,	Use personal protective equipment. Keep people away from and upwind of spill/leak.
	protective equipment and	Entry to non-involved personnel should be controlled around the leakage area by
	emergency procedures:	roping off, etc.
		Prevent product from entering drains.
	Methods and materials for	Sweep dust to collect it into an airtight container, taking care not to disperse it.
	containment and cleaning	Adhered or collected material should be promptly disposed of, in accordance with
	up:	appropriate laws and regulations.
	ANDLING AND STORAGE	
/. H		
	dling	Handling is performed in a well ventilated place. Wear suitable protective equipment
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<u>Hand</u>	dling Technical measures: Advice on safe handling: <u>age</u> Storage conditions: Packaging material: XPOSURE CONTROLS / PI Engineering controls: Personal protective equipm Respiratory protection: Hand protection: Eye protection:	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. Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents. Law is followed. ERSONAL PROTECTION Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath. Install respirator. Follow local and national regulations. Protective gloves.
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<u>Han</u>	dling         Technical measures:         Advice on safe handling:         age         Storage conditions:         Packaging material:         XPOSURE CONTROLS / PE         Engineering controls:         Personal protective equipm         Respiratory protection:         Hand protection:         Eye protection:         Skin and body protection:         HYSICAL AND CHEMICAL         Physical state (20°C):	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. Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents. Law is followed. ERSONAL PROTECTION Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath. Ment Dust respirator. Follow local and national regulations. Protective gloves. Safety glasses. A face-shield, if the situation requires. Protective clothing. Protective boots, if the situation requires. PROPERTIES Solid
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9. PHYSICAL AND CHEMICAL	PROPERTIES		
Flash Point:	No data available		
Explosive limits			
Lower:	No data available		
Upper:	No data available		
Density:	No data available		
Solubility:	Soluble in : Methanol		
10. STABILITY AND REACTIVE Stability: Reactivity: Incompartible materials: Hazardous Decomposition Products:	Stable under proper conditions. No special reactivity has been reported. oxidizing agents		
11. TOXICOLOGICAL INFORMATION			
Acute Toxicity:	No data available		

No data available
No data available
No data available
No data available
No data available
No data available
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:Does not correspond to the classification standard of the United NationsUN-No: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.

### 16. OTHER INFORMATION Address:

Department:
Telephone:
Fax:

No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 China R&D (Information Management) Department +86-(0)21-67121388\*461 +86-(0)21-67121385

This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.