TCI (Shanghai) DEVELOPMENT CO., LTD.

(R)-(-)-2-Methylglutaric Acid

**Revision number: 1** 

Revision date: 12/01/2010

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# 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:** 

(R)-(-)-2-Methylglutaric Acid M1228 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 (R)-(-)-2-Methylglutaric Acid Component(s): Percent: >98.0%(GC)(T) 1115-81-7 CAS Number: Synonyms: (R)-(-)-2-Methylpentanedioic Acid **Chemical Formula:**  $C_6H_{10}O_4$ 

# 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.

4. FIRST AID MEASURES 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.	
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air- 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.	
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 Methods and materials for containment and cleaning up:	S: Prevent product from entering drains. 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		
nanging		
<u>Handling</u> Technical measures:	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.	
Technical measures: Advice on safe handling:		
Technical measures:	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.	
Technical measures: Advice on safe handling: Storage	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.	
Technical measures: Advice on safe handling: <u>Storage</u> Storage conditions:	<ul><li>Prevent dispersion of dust. Wash hands and face thoroughly after handling.</li><li>Use a local exhaust if dust or aerosol will be generated.</li><li>Avoid contact with skin, eyes and clothing.</li><li>Keep container tightly closed. Store in a cool and dark place.</li><li>Store away from incompatible materials such as oxidizing agents.</li><li>Law is followed.</li></ul>	
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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:	No data available		
10. STABILITY AND REACTIVI Stability: Reactivity: Incompartible materials: Hazardous Decomposition Products:	Stable under proper conditions. No special reactivity has been reported. oxidizing agents		
11. TOXICOLOGICAL INFORMATION			
Acuto 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.

Fax:

#### 16. OTHER INFORMATION Address: Department: Telephone:

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

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