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SAFETY DATA SHEET

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

Product name: o-Vanillin Product code: H0262

TCI (Shanghai) DEVELOPMENT CO., LTD. Company:

Address: No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 China

Not classified

Responsible Department: Sales Department +86-(0)21-67121386 Telephone: Fax: +86-(0)21-67121385 e-mail: sales@tcishanghai.com.cn

Revision number:

2. HAZARDS IDENTIFICATION

Classification of the GHS **PHYSICAL HAZARDS HEALTH HAZARDS**

Acute toxicity (Oral) Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2B **ENVIRONMENTAL HAZARDS** Not classified

GHS label elements

Pictograms or hazard symbols



Warning Signal word

Hazard statement Harmful if swallowed Causes skin irritation Causes eye irritation

Precautionary statements

[Prevention] Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

[Response] IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

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.

[Disposal] Dispose of contents/container through a waste management company authorized by

the local government

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Substance Component(s): o-Vanillin Percent: >99.0%(GC) **CAS Number:** 148-53-8

Synonyms: 2-Hydroxy-3-methoxybenzaldehyde, 3-Methoxysalicylaldehyde

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Formula: C₈H₈O₃

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.

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.

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.

Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Ingestion:

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: Prevent product from entering drains.

Methods and materials for containment and cleaning

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

up:

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.

Avoid contact with skin, eyes and clothing. Advice on safe handling:

Storage

Keep container tightly closed. Store in a cool and dark place. Storage conditions:

Store away from incompatible materials such as oxidizing agents.

Law is followed. Packaging material:

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.

Personal protective equipment

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Safety glasses. A face-shield, if the situation requires. Eye protection: **Skin and body protection:** Protective clothing. Protective boots, if the situation requires.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Solid

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: crystal - powder

Color: Slightly pale yellow - Pale yellow green

Odor: No data available PH: No data available

Melting point/freezing point: 44 °C Boiling Point/Range: 268 °C

Flash Point: No data available

Explosive limits

Lower:No data availableUpper:No data availableDensity:No data available

Solubility: Very soluble in : Alcohol Ether Benzene Carbon disulfide

Soluble in: Water

10. STABILITY AND REACTIVITY

Stability: Stable under proper conditions.

Reactivity: No special reactivity has been reported.

Incompartible materials: oxidizing agents, strong bases, reducing agents

Hazardous Decomposition Carbon monoxide, Carbon dioxide

Products:

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: ipr-gpg LD50:400 mg/kg

ipr-mus LD50:400 mg/kg ipr-rat LD50:347 mg/kg orl-mus LD50:1330 mg/kg

Skin corrosion/irritation: skn-rbt 500 mg

Serious eye eye-rbt 100 mg/4S rinse MLD

damage/irritation: eye-rbt 100 mg

Germ cell mutagenicity: dnd-hmn-leu 250 umol/L

Carcinogenicity:

IARC = No data available
NTP = No data available
Reproductive toxicity: No data available
RTECS Number: CU6530000

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish:
Crustacea:
Algae:
No data available

potential(BCF): Mobillity in soil

log Pow:No data availableSoil adsorption (Koc):No data availableHenry's LawNo data available

constant(PaM³/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 Nations

UN-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 contents

Company: TCI (Shanghai) DEVELOPMENT CO., LTD.

Address: No.96 Pu Gong Road, Shanghai Chemical Industry Park, Shanghai 201507 China

Department: R&D (Information Management) Department

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