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SAFETY DATA SHEET

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

Product name: Tizanidine Hydrochloride

Product code: T2527

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

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

Not classified

Responsible Department: Sales Department

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Revision number: 1

2. HAZARDS IDENTIFICATION

Classification of the GHS
PHYSICAL HAZARDS
HEALTH HAZARDS

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

GHS label elements

Pictograms or hazard symbols



Signal word Warning

Hazard statement Harmful if swallowed Causes skin irritation

Causes serious 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.

Take on 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): Tizanidine Hydrochloride

Percent: >98.0%(T) **CAS Number:** 64461-82-1

3. COMPOSITION/INFORMATION ON INGREDIENTS

5-Chloro-4-[(4,5-dihydro-1H-imidazol-2-yl)amino]-2,1,3-benzothiadiazole Synonyms:

Hydrochloride

Chemical Formula: C9H8CIN5S-HCI

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

Specific hazards:

Specific methods:

Suitable extinguishing

media:

Dry chemical, foam, water spray, carbon dioxide.

generate poisonous fume.

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

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing

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

Take care as it may decompose upon combustion or in high temperatures to

containers if safe to do so.

Special protective

When extinguishing fire, be sure to wear personal protective equipment.

equipment for firefighters:

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

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. up:

7. HANDLING AND STORAGE

Handling

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.

Advice on safe handling:

Avoid contact with skin, eyes and clothing.

Storage

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

Store away from incompatible materials such as oxidizing agents.

Law is followed. Packaging material:

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Install a closed system or local exhaust as possible so that workers should not be **Engineering controls:**

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.

Eve 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: White - Yellow
Odor: No data available
pH: No data available

Melting point/freezing point: 280 °C

Boiling Point/Range:No data available
Flash Point:
No data available

Explosive limits

Lower:No data availableUpper:No data availableDensity:No data availableSolubility:Soluble in : Water

10. STABILITY AND REACTIVITY

Stability: Stable under proper conditions.

Reactivity: No special reactivity has been reported.

Incompartible materials: oxidizing agents

Hazardous Decomposition Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen

Products: chloride

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: orl-rat LD50:414 mg/kg

scu-rat LD50:282 mg/kg ivn-rat LD50:35 mg/kg

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
RTECS Number: DK9910000

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 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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