Safety Data Sheet



Target Molecules

Creation Date:	May 29, 2024
Revision Date:	May 29, 2024

According to the UN GHS revision 8 **IDENTIFICATION** 1. 1.1 **GHS Product identifier Product name:** TD52 dihydrochloride **Catalog Number:** T35528L CAS Number: 1.2 Other means of identification Other names: Recommended use of the chemical and restrictions on use 1.3 Identified uses: Industrial and scientific research uses Supplier's details 1.4 Targetmol Chemicals Inc. Company: Uses advised against: 36 Washington Street, Wellesley Hills, Massachusetts 02481 USA Tel/Fax: (781) 999-4286 **Emergency phone number** 1.5 **Emergency phone number:** 781-999-4286 Service hours: Monday to Friday, 9am-5pm (Standard timezone:UTC/GMT -5hours). HAZARD IDENTIFICATION 2. Classification of the substance or mixture 2.1 2.2 GHS label elements, including precautionary statements Pictogram(s): Signal word: no data available no data available Hazard statement(s): Precautionary statement(s): Prevention: no data available **Response:** no data available Storage: no data available Disposal: no data available Other hazards which do not resultin classification 2.3 no data available **COMPOSITION/INFORMATION ON INGREDIENTS** 3. 3.1 Substances

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Chemical name	Common names and synonyms	CAS number	EC number
TD52 dihydrochloride	-		

4. FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

General advice

Medical attention is required. Consult a doctor. Show this safety data sheet (SDS) to the doctor in attendance.

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with water. Consult a doctor immediately.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Wear personal protective equipment.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam

5.2 Specific hazards arising from the chemical

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wearchemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use sparkproof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the riskelimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	soild	
Color	no data available	
Odour	no data available	
Melting point/ freezing point	no data available	
Boilingpoint or initial boiling point and boiling range	no data available	
Flammability	no data available	
Lower and upper explosion limit/flammability limit	no data available	
Flash point	no data available	
Auto-ignition temperature	no data available	
Decomposition temperature	no data available	
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Kinematic viscosity	no data available	
Solubility	DMSO: 22.5 mg/mL (51.9 mM),Sonication and heating to 60°C are recommended.	
N-octanol-water partition coefficient	no data available	
Vapour pressure	no data available	
Density and/ or relative density	no data available	
Relative vapour density	no data available	
Particle characteristics	no data available	
STABILITY AND REACTIVITY		

10. STABILITY AND REACTIVITY

10.1 Reactivity

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no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no da<mark>ta availa</mark>ble

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no da<mark>ta av</mark>ailable

Reproductive toxicity

no data available

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available



12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORT INFORMATION

14.1 UN Number

no data available

14.2 UN Proper Shipping Name

no data available

14.3 Transport hazard class(es)

no data available

14.4 Packing group, if applicable

no data available

14.5 Environmental hazards

no data available

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

15. **REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations specific for the product in question

16. OTHER INFORMATION

Information on revision			
Creation Date	May 29, 2024		
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Abbreviations and acronyms

- CAS: Chemical Abstracts Service
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

References

no data available

Other Information

no data available

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product. All products are for Research Use Only · Not For Human or Veterinary or Therapeutic Use