Safety Data Sheet

According to the UN GHS revision 8

Creation Date: May 06, 2026
Revision Date: May 06, 2026

1. IDENTIFICATION

1.1 GHS Product identifier

Product name: 20(S)-Hydroxy Prednisolone-D4

Catalog Number: TMID-0150

CAS Number:

1.2 Other means of identification

Other names: -

1.3 Recommended use of the chemical and restrictions on use

Identified uses:

1.4 Supplier's details

Company: Targetmol Chemicals Inc.

Address: 34 Washington Street, Wellesley Hills, Massachusetts 02481 USA

Tel/Fax: (781) 999-4286

1.5 Emergency phone number

Emergency phone number: 781-999-4286

Service hours: Monday to Friday, 9am-5pm (Standard timezone: UTC/GMT -5 hours).

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

2.2 GHS label elements, including precautionary statements

Pictogram(s): unknown

Signal word:

Hazard statement(s):

Precautionary statement(s):

Prevention:

Response:

Storage:

Disposal:

2.3 Other hazards which do not result in classification

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number
20(S)-Hydroxy Prednisolone-D4	-		

4. FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

General advice

If inhaled

Following skin contact

Following eye contact

Following ingestion

4.2 Most important symptoms/effects, acute and delayed

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

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

5.2 Specific hazards arising from the chemical

5.3 Special protective actions for fire-fighters

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and materials for containment and cleaning up

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Biological limit values

8.2 Appropriate engineering controls

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Color	
Odour	
Melting point/freezing point	
Boiling point or initial boiling point and boiling range	
Flammability	
Lower and upper explosion limit/flammability limit	
Flash point	
Auto-ignition temperature	
Decomposition temperature	
pH	
Kinematic viscosity	
Solubility	no data available
N-octanol-water partition coefficient	
Vapour pressure	
Density and/or relative density	
Relative vapour density	
Particle characteristics	

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitization

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Other adverse effects

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods

Product

Contaminated packaging

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

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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

Other Information

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.
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