

# SAFETY DATA SHEET

Version: 3.0

First Release Date: 17.02.2025

According to Regulations (EC) No.: 1907/2006

Revision Date: 04.03.2026

## SECTION 1: Identification of the substance/ mixture and of the company/ undertaking

### 1.1 Product identifier

Product name : Uridine 5'-diphospho-N-acetylglucosamine ammonium salt  
 CAS-No. : n/a  
 Other CAS-No. : 91183-98-1 (UDP-GlcNAc disodium salt)  
 Brand : eversyn  
 REACH-registration-No. : No registration available for this compound, because the compound or the application is excluded from registration, the annual production tonnage doesn't require.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, biochemical R&D  
 Restriction on use : only for laboratory use, not for food or drug use

### 1.3 Details of the supplier of the safety data sheet

Company : eversyn GmbH  
 Weinbergweg 23  
 06120 Halle (Saale)  
 Telephone : +49 391 67 54 676  
 E-mail address : info@eversyn.de

### 1.4 Emergency telephone number

Emergency phone : 112 (EU emergency call)

## SECTION 2: Hazardous identification

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### 2.2 Label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

### 2.3 Other hazards

To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms : UDP-N-acetylglucosamine; UDP-GlcNAc  
 Formula :  $C_{17}H_{25}N_3Na_2O_{17}P_2$   
 Molecular weight : 651.3 g/mol  
 CAS-No. : 91183-98-1

No components need to be disclosed according to the applicable regulations.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

After eye contact

Rinse out with plenty of water for at least 15 minutes. Remove contact lenses.

**After skin contact**

Take off immediately contaminated clothing. Wash skin with plenty of water and soap. Wash contaminated clothes before use.

**After inhalation**

Remove casualty to fresh air and keep at rest.

**If swallowed**

Rinse mouth with plenty of water, make victim drink water (two glasses at most). Contact doctor, if feeling unwell.

**4.2 Most important symptoms and effects, both acute and delayed**

See Section 11 for additional information on health hazards.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Water, carbon dioxide (CO<sub>2</sub>), foam, dry extinguishing powder

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Oxides of phosphorus

Sodium oxides

Development of hazardous combustion gases or vapours possible in the event of fire.

**5.3 Advice for firefighters**

In event of fire, wear self-contained breathing apparatus. Suppress gases/water/mist with a water spray jet. Collect contaminated fire extinguishing water separately, prevent it from surface water and ground water system.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid inhalation of dusts. Evacuate danger zone, follow emergency procedures, contact an expert. For personal protection see Section 8.

**6.2 Environmental precautions**

Do not let product enter drains.

**6.3 Methods and material for containment and cleaning up**

Cover drains. Collect, bind and pump off spills. Take up dry. Collect in closed and suitable containers for disposal. Dispose of properly. Clean up contaminated areas thoroughly. Avoid generation of dusts.

**6.4 Reference to other sections**

For disposal see Section 13.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.

**7.2 Conditions for safe storage**

**Storage conditions**

Tightly closed container in dry environment.

### Storage temperature

< -15 °C

### 7.3 Specific end use(s)

Apart from the uses mentioned in Section 1.2 no other specific uses are foreseen.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limits.

### 8.2 Exposure controls

#### Personal protective equipment

##### Eye Protection:

Wear appropriate protective eyeglasses or chemical safety goggles according standards such as NIOSH (US) or EN 166(EU).

##### Skin Protection:

Wear compatible chemical-resistant gloves and clothing. Wash contaminated clothing before use.

##### Respiratory Protection:

Required when dusts are generated. Recommended filter type: Filter type P1. Filtering respiratory protection should be based on following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to used respiratory protection system.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Color	white
b) Form	powder
c) Odor	No data available
d) Melting point/ freezing point	No data available
e) Initial boiling point	No data available
f) Flammability	No data available
g) Upper/lower flammability or explosive limits	No data available
h) Flash point	No data available
i) Autoignition temperature	No data available
j) Decomposition temperature	No data available
k) pH	No data available
l) Viscosity	No data available
m) Water solubility	> 50 g/L
n) Partition coefficient	No data available
o) Vapor pressure	No data available
p) Density	No data available
q) Relative vapor density	No data available
r) Particle characteristics	No data available
s) Explosive properties	Not classified as explosive
t) Oxidizing properties	none

### 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### 10.2 Chemical stability

The product is chemically stable under standard handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Violent reactions possible with: Strong oxidizing agents

### 10.4 Conditions to avoid

No information available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Does not decompose when used as intended. In the event of fire: see Section 5.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

We are not aware of any toxicological data.

### 11.2 Information on other hazards

No data available

## SECTION 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 Results of PBT and vPvB assessment

No data available

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

No data available

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR/RID: -

IMDG: -

IATA: -

**14.2 UN proper shipping name**

ADR/RID: Not dangerous good    IMDG: Not dangerous good    IATA: Not dangerous good

**14.3 Transport hazard class(es)**

ADR/RID: -    IMDG: -    IATA: -

**14.4 Packing group**

ADR/RID: -    IMDG: -    IATA: -

**14.5 Environmental hazards**

ADR/RID: no    IMDG Marine pollutant: no    IATA: no

**14.6 Special precautions for user**

Not applicable

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable

**SECTION 15: Regulatory information**
**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

This information has been compiled to the best of our knowledge, but does not claim to be complete and should only be understood by the user as a guide, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. eversyn GmbH excludes any liability for damage that may occur when handling or coming into contact with these chemicals. For general terms and conditions and additional information see [www.eversyn.de](http://www.eversyn.de).

Copyright (2025): eversyn GmbH. License granted to make unlimited paper copies for internal use only.