

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)
Classifications according to Regulation (EC) No 1272/2008.
Printdate 25 Nov 2024

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product name:

Cycloxaprid

1.1. Catalog No.:

691991

1.2. Relevant identified uses of the substance or mixture

Identified: Laboratory chemical
uses: R&D

1.3. Uses advised against:

HPC Standards GmbH
Am Wieseneck 7

04451 Cunnersdorf
Deutschland

Tel. +49 34291 3372-36
Fax. +49 34291 3372-39
contact@hpc-standards.com

1.4. Emergency telephone number

HPC Standards Tel. +49 34291 3372-36
This number is only available during office hours.

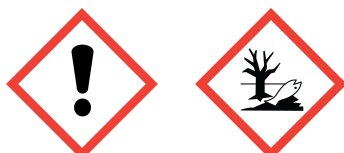
2. HAZARDS IDENTIFICATION

Regulation (EC) No 1272/2008
Acute toxicity - Oral Category 4 - (H302)
Acute aquatic toxicity Category 1 - (H400)
Chronic aquatic toxicity Category 1 - (H410)

Precautionary Statements - EU (§28, 1272/2008)
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P273 - Avoid release to the environment
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P391 - Collect spillage
P501 - Dispose of contents/ container to an approved waste disposal plant

2.2. Label elements

2.2.1. Pictogram



2.2.2.

Contains Cycloxaprid

Other hazards

No information available.

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

This product does not contain any known or suspected endocrine disruptors.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1.1. Formula

C₁₄H₁₅CIN₄O₃

3.1.2. Molecular Weight (g/mol)

322.75

3.1.3. CAS-No.

1203791-41-6

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

Skin contact Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms No information available.

4.3. Indication of any immediate medical attention and special treatment needed
Note to doctors Treat symptomatically

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing

Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient

Unsuitable extinguishing media

Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information.

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Personal protective equipment

Eye/face protection

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Hand protection

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Wear protective Viton(TM) gloves.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state Solid

Appearance Crystalline

Colour light yellow

Odour No information available.

Odour threshold No information available

Property	Values	Remarks	Method
Melting point / freezing point	140.8 °C	None known	
Initial boiling point and boiling range	No data available	None known	
Flammability	No data available	None known	
Flammability Limit in Air	None known		
Upper flammability or explosive limits	No data available		

Lower flammability or explosive limits	No data available	None known
Flash point	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
pH	No data available	None known
pH (as aqueous solution)	No data available	No information available
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	No data available	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information
 Molecular weight 322.75

Molecular formula C₁₄H₁₅C IN₄O₃

9.2.1. Information with regards to physical hazard classes
 Not applicable

9.2.2. Other safety characteristics
 No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity
 Reactivity No information available.

10.2. Chemical stability
 Stability Stable under normal conditions.

Explosion data
 Sensitivity to mechanical impact None.
 Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions
 Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid
 Conditions to avoid None known based on information supplied.

10.5. Incompatible materials
 Incompatible materials None known based on information supplied.
 Hazardous decomposition products None known based on information supplied

11. TOXICOLOGICAL INFORMATION

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

Information on likely routes of exposure

Product Information
 Inhalation Specific test data for the substance or mixture is not available.

Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

Symptoms related to the physical, chemical and toxicological characteristics
Symptoms No information available.

Numerical measures of toxicity
Acute toxicity

Delayed and immediate effects as well as chronic effects from short and long-term exposure	
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitisation	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties	
Endocrine disrupting properties	No information available.

11.2.2. Other information	
Other adverse effects	No information available

12. ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability	
Persistence and degradability	No information available.

12.3. Bioaccumulative potential	
Bioaccumulation	No information available.

12.4. Mobility in soil	
Mobility in soil	No information available.

12.5. Results of PBT and vPvB assessment	
PBT and vPvB assessment	The product does not contain any substance(s) classified as PBT or vPvB.

12.6. Endocrine disrupting properties	
Endocrine disrupting properties	No information available.

12.7. Other adverse effects	
No information available	

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging
Do not reuse empty containers

14. TRANSPORT INFORMATION

IATA

14.1 UN number or ID number UN3077
14.2 UN proper shipping name Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3077, Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid), 9, III
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions A97, A158, A179, A197, A215
ERG Code 9L

IMDG

14.1 UN number or ID number UN3077
14.2 UN proper shipping name Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3077, Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid), 9, III, Marine pollutant
14.5 Marine pollutant P
Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274, 335, 966, 967, 969
EmS-No F-A, S-F No information available
14.7 Maritime transport in bulk according to IMO instruments
No information available

RID

14.1 UN number or ID number UN3077
14.2 UN proper shipping name Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3077, Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid), 9, III
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274, 335, 375, 601
Classification code M7

ADR

14.1 UN number or ID number UN3077
14.2 UN proper shipping name Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid)
14.3 Transport hazard class(es) 9
14.4 Packing group III
Description UN3077, Environmentally hazardous substances, solid, n.o.s. (Cyclozaprid), 9, III, (-)
14.5 Environmental hazards Yes
14.6 Special precautions for user
Special Provisions 274, 335, 601, 375
Classification code M7
Tunnel restriction code (-)

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class (WGK) strongly hazardous to water (WGK 3)

International Carriage of Dangerous Goods by Road (ADR) (Journal of Laws No. 194, item 1629 and Journal of Laws of 2003, No. 207, item 2013 and 2014).
European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)
This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

DIRECTIVE (EU) 2021/1187 on the marketing and use of explosives precursors
Not applicable

Persistent Organic Pollutants
Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU)
E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

International Inventories

TSCA Complies under research and development exemption or is regulated by a different government agency.

DSL/NDSL Contact supplier for inventory compliance status

EINECS/ELINCS Contact supplier for inventory compliance status

ENCS Contact supplier for inventory compliance status

IECSC Contact supplier for inventory compliance status

KECL Contact supplier for inventory compliance status

PICCS Contact supplier for inventory compliance status

AIIC Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report A Chemical Safety Assessment is not required for this substance

16. OTHER INFORMATION

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. For lab use only!