

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)
Classifications according to Regulation (EC) No 1272/2008.
Printdate 12 May 2023

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

1.1. Product name:

Oleandomycin phosphate

1.1. Catalog No.:

677140

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

2.1. Classification of the substance or mixture
Regulation (EC) No 1272/2008
Acute toxicity - Oral Category 2 - (H300)

2.2. Label elements

2.2.1. Pictogram



2.2.2.

2.2. Label Elements
Contains Oleandomycin Phosphate
Signal word Danger
Hazard statements H300 - Fatal if swallowed
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
P301 + P310 - IF SWALLOWED: Immediately call a POISON
CENTER or doctor/physician
P321 - Specific treatment (see Emergency Phone Number on this
label)
P330 - Rinse mouth
P405 - Store locked up
P501 - Dispose of contents/ container to an approved waste
disposal plant
2.3. Other Hazards
General Hazards Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Chemical name Oleandomycin Phosphate
EC No Present
Weight-% 100
Classification according to
Regulation (EC) No. 1272/2008 [CLP] Acute Tox. 2 (H300)

3.1.1. Formula

C₃₅H₆₄NO₁₆P

3.1.2. Molecular Weight (g/mol)

785.85

3.1.3. CAS-No.

7060-74-4

4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice Consult a physician if necessary.

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Skin Contact Wash skin with soap and water.

Eye contact Wash with plenty of water.

Ingestion Never give anything by mouth to an unconscious person. Clean mouth with water.

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 physicians 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.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

No information available

Hazardous combustion products Carbon oxides. Nitrogen oxides (NOx).

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

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 Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

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.

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Engineering Controls Showers

Eyewash stations

Ventilation systems

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Environmental exposure controls No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid

Appearance No information available

Odor No information available

Property Values

pH No information available

Melting point/freezing point 147 °C

Boiling point No information available

Flash point No information available

Liquid Density No information available

Evaporation rate No information available

Upper flammability limits No information available

Lower flammability limit No information available

Vapor pressure No information available

Vapor density No information available

Specific gravity No information available

Water solubility No information available

Solubility in other solvents No information available

Partition coefficient No information available

Autoignition temperature No information available

Decomposition temperature 147 °C

Kinematic viscosity No information available

Explosive properties No information available

Oxidizing properties No information available

10. STABILITY AND REACTIVITY

- 10.1. Reactivity
Reactivity Not applicable
- 10.2. Chemical stability
Stability Stable under recommended storage conditions.
Sensitivity to Mechanical Impact No information available.
Sensitivity to Static Discharge No information available.
- 10.3. Possibility of hazardous reactions
Hazardous polymerization No information available.
Possibility of Hazardous Reactions None under normal processing.
- 10.4. Conditions to avoid
Conditions to avoid Extremes of temperature and direct sunlight.
- 10.5. Incompatible materials
Incompatible materials Strong oxidizing agents.
- 10.6. Hazardous decomposition products
Hazardous Decomposition Products Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects
Acute toxicity
Product Information Product does not present an acute toxicity hazard based on known or supplied information.
Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.
The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 10.80 mg/kg
Chemical name Oleandomycin Phosphate
Oral LD50 = 10.8 mg/kg (Rat)
Dermal LD50
Inhalation LC50

12. ECOLOGICAL INFORMATION

- 12.1. Toxicity
Ecotoxicity May cause long lasting harmful effects to aquatic life.
Unknown aquatic toxicity 100% of the mixture consists of components(s) of unknown hazards to the aquatic environment.
- 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 No information available.
- 12.5. Results of PBT and vPvB assessment
PBT and vPvB assessment No information available.
- 12.6. Other adverse effects
Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

14.1 UN/ID no

RID / ADR: UN2811

IMDG: UN2811

ICAO (air) / IATA: UN2811

14.2 Proper shipping name

RID / ADR: oxic solid, organic, n.o.s.

IMDG: Toxic solid, organic, n.o.s.

ICAO (air) / IATA: Toxic solid, organic, n.o.s.

14.3 Hazard Class

RID / ADR: 6.1

IMDG: 6.1

ICAO (air) / IATA: 6.1

Subsidiary hazard class / Labels

RID / ADR: -

IMDG: -

ICAO (air) / IATA: -

14.4 Packing Group

RID / ADR: II

IMDG: II

ICAO (air) / IATA: II

14.5 Environmental Hazard

RID / ADR: -

IMDG: -

ICAO (air) / IATA: -

14.6 Special Provisions

RID / ADR: 274, 614; Classification code T2; Tunnel restriction code (D/E)

IMDG: 274; EmS-No F-A, S-A

ICAO (air) / IATA: A3, A5; ERG Code 6L

15. REGULATORY INFORMATION

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

National Regulations

Chemical name: Oleandomycin Phosphate

7060-74-4

French RG number: RG 66

Title

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

International Inventories

All of the components in the product are on the following Inventory lists

Europe (EINECS/ELINCS/NLP)

Chemical name: Oleandomycin Phosphate

TSCA: -

DSL: -

NDSL: -

EINECS: X

ELINCS: -

ENCS: -

IECSC: -

KECL: -

PICCS: -

AICS: -

X - Listed

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

DSL/NDL - 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 No information available

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!