



Safety Data Sheet Version 1

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

1.1 Product identifiers

Product name : Semaglutide
CAS no. : 910463-68-2
EC / List no. : 691-729-9

1.2 Relevant identified uses of the substances or mixture and uses advise against

Identified uses : For research use only, not for human or veterinary use

1.3 Details of the supplier of the safety data sheet

Company : Smilepep (Hangzhou) Pharmatech Co.,Ltd.
 No. 288, Xitang St., Hushi Industrial Park Xiuyu
 Dist., Putian City
 Fujian Province, 351100 China
Telephone : +13666671253

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms : Semaglutide
Formula : C187H291N45O59
Molecular weight : 4114 g/mol
CAS no. : 910463-68-2
EC / List no. : 691-729-9



Component	Classification	Concentration
Semaglutide		
Semaglutide	Lyophilized powder	≤ 100%

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Move out of dangerous area. If

inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact

Wash off with soap and plenty of water. In case of eye contact

Flush eyes with water as a precaution. If swallowed

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

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x).

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist, or gas.



For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

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

Recommended storage temperature: -20 °C

Keep in a dry place.

Storage class (TRGS 510): 13: Non-Combustible Solids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposures controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.



Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts is desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: powder Color: white
b) Odor	No data available
c) Odor threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity



No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions: Carbon oxides, Nitrogen oxides (NO_x)

Other decomposition products: No data available

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral endpoint 2000 mg/kg body weight: No adverse effect observed

Inhalation: No study available

LD50 Dermal endpoint 2000 mg/kg body weight: No adverse effect observed

Skin corrosion/irritation

No adverse effect observed (not irritating)

Serious eye damage/eye irritation

No adverse effect observed (not irritating)

Respiratory or skin sensitization

No study available

Germ cell mutagenicity

No study available

Carcinogenicity

Thyroid C-cell tumors have been observed in carcinogenicity studies using subcutaneous administration of liraglutide to mice and rats caused by a GLP1 receptor-mediated mechanism. As rodents are shown to be particularly sensitive to this type of tumors and as monkeys did not develop these tumors the findings are considered of limited relevance to humans.

When using a read-across approach to liraglutide precursor the data is not considered conclusive and not sufficient for a cancer classification according to the CLP criteria.

Reproductive toxicity

No study available



Smilepep (Hangzhou) Pharmatech Co.,Ltd.

ROOM NO.1204 BLDG 19 ,TONGXIEJINZUO HANGZHOU 310002 CHINA

Mobile:+86-13666671253,Tel:+86-571-87609021

Email:Xu@smilepep.com/sales@smilepep.com

Website:www.smilepep.com

May cause reproductive disorders.

No study available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

<https://echa.europa.eu/substance-information/-/substanceinfo/100.219.541>

Warning! According to the classification provided by companies to ECHA in CLP notifications this substance is suspected of damaging the unborn child.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)



Smilepep (Hangzhou) Pharmatech Co.,Ltd.

ROOM NO.1204 BLDG 19 ,TONGXIEJINZUO HANGZHOU 310002 CHINA

Mobile:+86-13666671253,Tel:+86-571-87609021

Email:Xu@smilepep.com/sales@smilepep.com

Website:www.smilepep.com

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Chronic Health Hazard

SECTION 16: Other information

Further 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.