

Safety data sheet

Acc. To reglementation (CE) no 1907/2006 (REACH)

HCP beads kit

Article identification: HCPprofiler

READYBEADS

Version: 2.0

Date of compilation: 2017-03-03

Revision: 2024-02-16



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

1.1 Product identifier

Identification of the substance

GHS product identifier Not available

Other means of identification HCP beads

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

Relevant identified uses Laboratory and analytical us

Use advised against Use for research. Do not use like pharmaceutical product, neither domestic or other applications

1.3 Details of the supplier of the safety data sheet

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From 9 to 5pm Central European Time

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This substance does not meet the criteria classification

2.2 Label elements

Labelling Not required

2.3 Other hazards

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance/mixture

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Beads of saccharose with peptides coated

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SECTION 4: First aid measures

4.1 Description of necessary first aid measures



General notes

No special measures are necessary

Following inhalation

Provide fresh air

Following skin contact

Rinse skin with water

Following eye contact

Rinse cautiously with water for several minutes

Following ingestion

No special measures are necessary.

4.2 Most important symptoms and effect, both acute and delayed

Symptoms and effects are not known to date

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Fire-fighting measures

5.1 Extinguishing media



Suitable extinguishing media

Co-ordinate firefighting measures to the fire surroundings

Water, foam, alcohol resistant foam, dry extinguishing powder, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Combustible

Hazardous combustion products

In cas of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from reasonable distance. Wear self-contained breathing apparatus

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures



For non emergency personnel
Control of dust

6.2 Environmental precautions

Keep away from drains, surface and ground water

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains. Take up mechanically

Advice on how to clean up a spill

Take up mechanically

Other information relating to spills and releases

Place in appropriate containers for disposal

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures are necessary

Advice on general occupational hygiene

Keep away from food, drink and animal feedstuff

7.2 Conditions for safe storage, including any incompatibilities

Store in at -20°C (-4°F)

Incompatible substances or mixtures

Observe hints for combined storage

Consideration of other advice

Ventilation requirements

Use local and general ventilation

7.3 Specific end use(s)

No information available

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

| Country | Name of agent | CAS No | Identifier | TWA [mg/m3] | STEL [mg/m3] | Ceiling-C [mg/m3] | Notation | Source |
|---------|------------------------------|---------|------------|-------------|--------------|-------------------|----------|--------|
| FR | Dust without specific effect | | TWA | 10 | | | i | INRS |
| FR | Dust without specific effect | | TWA | 5 | | | r | INRS |
| FR | sucrose | 57-50-1 | TWA | 10 | | | | INRS |

Mention

i Inhalable fraction

r Alveolar fraction

Ceiling-C Ceiling value is a limit value above which exposure should not occur

STEL Short-term

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

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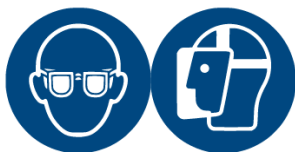
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8.2 Exposure controls Eye/face protection



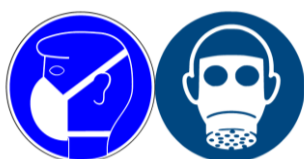
Use safety goggle with side protection

Skin protection



- **Hand protection** Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374
- **Type of material** NBR (Nitrile rubber)
- **Material thickness** >0,11 mm
- **Breakthrough times of the glove material** >480 minutes (permeation: level 6)
- **Other protection measures** Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended

Respiratory protection



Respiratory protection necessary at: dust formation.
Particulate filter device (EN 143). P1 (filters at least 80% of airborne particles, colour code: White)

Environmental exposure controls

Keep away from drains, surface and ground water

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|----------------|----------------|
| Physical state | Solid |
| Color | White |
| Odor | Odourless |
| pH | Not determined |
| Melting point | Not determined |
| Boiling point | Not determined |
| Flammability | Not determined |

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| | |
|---------------------------------|--------------------|
| Lower and upper explosion limit | Not determined |
| Flash point | Not applicable |
| Auto-ignition temperature | Not determined |
| Decomposition temperature | > 25°C for a month |
| Kinetic viscosity | Not determined |
| Solubility | In water |
| Partition coefficient | Not determined |

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided

10.5 Incompatible materials

There is no additional information

10.6 Hazardous decomposition

Under normal conditions of storage and use, hazardous decomposition should not occur

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification acc. To GHS

This substance does not meet criteria for classification

Acute toxicity

Shall not be classified as acutely toxic

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic

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Carcinogenicity

Shall not be classified as carcinogenic

Reproductive Toxicity

Shall not be classified as a reproductive toxicant

Specific target organ toxicity – single exposure

Shall not be classified as a specific target organ toxicant (single exposure)

Specific target organ toxicity – repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure)

Aspiration hazard

Shall not be classified as presenting an aspiration hazard

Symptoms related to the physical, chemical and toxicological characteristics

- | | |
|---------------------|------------------------|
| • If swallowed | Data are not available |
| • If in eyes | Data are not available |
| • If inhaled | Data are not available |
| • If on skin | Data are not available |
| • Other information | None |

11.2 Endocrine disrupting properties

Not listed

SECTION 12: Ecological information

12.1 Toxicity

Biodegradation

Data are not available

12.2 Process of degradability

Data are not available

12.3 Bioaccumulative potential

Data are not available

12.4 Mobility in soil

Data are not available

12.5 Results of PBT and vPvB assessment

Data are not available

12.6 Endocrine disrupting properties

Not listed

12.7 Other adverse effects

Data are not available

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SECTION 13: Disposal considerations

13.1 Waste treatment methods



Consult the appropriate local waste disposal expert about waste disposal

Sewage disposal-relevant information

Do not empty into drains

13.2 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

SECTION 14: Transport information

- | | |
|---|---|
| 14.1 UN number | Not subject to transport regulations |
| 14.2 UN proper shipping name | Not assigned |
| 14.3 Transport hazard class(es) | Not assigned |
| 14.4 Packing group | Not assigned |
| 14.5 Environmental hazards | Non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 Special precautions for user | There is no additional information |
| 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code | |
| The cargo is not intended to be carried in bulk | |
| 14.8 Information for each of the UN Model Regulations | |
| Transport information National regulations Additional information (UN RTDG) | |
| Not subject to transport regulations. UN RTDG | |
| International Maritime Dangerous Goods Code (IMDG) – Additional information | |
| Not subject to IMDG | |
| International Civil Aviation Organization (ICAO-IATA/DGR) – Additional information | |
| Not subject to ICAO-IATA | |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
There is no additional information
- European regulations (UE)**
Restrictions despite REACH, Annexe XVII
Not listed

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List of substances subject to authorisation (REACH, Annex XIV)/SVHC – candidate list

Not listed

SARA 302/304

This material does not contain any components with a section 302 EHS TPQ

SARA 304 RQ – Not applicable

SARA 313

This material does not contain any components with known CAS number that exceed the threshold (De Minimis) reporting level established by SARA Title III, section 313

National inventories

| Country | Inventory | Status |
|---------|-----------|-------------------------|
| AU | AICS | Substance is not listed |
| CA | DSL | Substance is not listed |
| CN | IECSC | Substance is not listed |
| EU | ECSI | Substance is not listed |
| KR | KECI | Substance is not listed |
| MX | INSQ | Substance is not listed |
| NZ | NZIoC | Substance is not listed |
| PH | PICCS | Substance is not listed |
| TR | CICR | Substance is not listed |
| TW | TCSI | Substance is not listed |
| US | TSCA | Substance is not listed |

Legend

| | |
|-------|---|
| AICS | Australian Inventory of Chemical Substances |
| CICR | Chemical Inventory and Control Regulation |
| DSL | Domestic Substances List (DSL) |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP) |
| KECI | Korea Existing Chemicals Inventory |
| INSQ | National Inventory of Chemical Substances |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substance Control Act |

15.2 Chemical Safety Assessment

No chemical Safety Assessment has been carried out for this substance

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SECTION 16: Other informations

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------|---|
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road) |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| Ceiling-C | Ceiling value CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| EC No | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| EH40/2005 | EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| LD50 | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| STEL | Short-term exposure limit SVHC Substance of Very High Concern |
| TWA | Time-weighted average |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.