

Trade name:	Polysucrose 400	Print date:	26.01.2022
Product No:	7828	Revision date:	26.01.2022
Version:	2.0 / EN		

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

1.1 Product identifier

Name:	Polysucrose 400
Product no.:	7828
Type:	powder
CAS No.:	26873-85-8
REACH Registration No.:	No information available
Other means of identification:	No information available

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

Product uses:	Cell isolation
Product category:	Chemical for laboratory use
Uses advised against:	No information available

1.3 Details of the supplier of the safety data sheet

Supplier

Name:	Serumwerk Bernburg AG
Address:	Hallesche Landstraße 105b 06406 Bernburg Germany
Telephone:	+49 (0)3471/860-0
Fax:	+49 (0)3471/860-130
E-Mail:	info@serumwerk.de

1.4 EMERGENCY TELEPHONE NUMBER:

Giftinformationszentrum-Nord (German / English)	phone:	+49 551 19240
--	--------	---------------

Trade name: Polysucrose 400 Print date: 26.01.2022
Product No: 7828 Revision date: 26.01.2022
Version: 2.0 / EN

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

In accordance to Guideline EG 1272/2008 the product is not classified as hazardous.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS] is not required.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

Almost white to white powder

Component	Index No.	EG No.	CAS No.	Weight %
Polysucrose 400	N/A	200-334-9	26873-85-8	100

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

Treat symptomatically and supportively. If medical attention is necessary, provide medical personnel this Safety Data Sheet or the product label.

Inhalation:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Trade name:	Polysucrose 400	Print date:	26.01.2022
Product No:	7828	Revision date:	26.01.2022
Version:	2.0 / EN		

Skin contact:	Remove clothing and/or shoes if necessary. Wash contaminated skin with soap and water. Get medical attention if irritation develops.
Eye contact:	In case of contact, remove contact lenses, flush eyes immediately with water for at least 15 minutes. Get medical attention.
Ingestion:	Drink 1 to 2 glasses of water. Do <u>NOT</u> induce vomiting unless to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms / effects:	No specific symptoms noted.
Symptoms / effects after inhalation:	May cause irritations to the respiratory tract.
Symptoms / effects after skin contact:	May cause mechanical irritation.
Symptoms / effects after eye contact:	May cause eye irritation.
Symptoms / effects after ingestion:	May cause nausea, vomiting and diarrhea

4.3 Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Product is not flammable. Use extinguishing media suitable for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Product is not flammable. Under fire conditions CO_x can occur.

Trade name:	Polysucrose 400	Print date:	26.01.2022
Product No:	7828	Revision date:	26.01.2022
Version:	2.0 / EN		

5.3 Advice for fire-fighters

Fire fighters should wear positive pressure self-contained breathing apparatus and full turnout gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable protective equipment (see section 8) and keep unprotected persons away. Follow all fire-fighting procedures (see section 5). Leaked material can make floors slippery. Provide sufficient ventilation in closed rooms.

6.2 Environmental precautions

Do not allow material to contaminate ground water system.

6.3 Methods and material for containment and cleaning up

For containment: Covering drains to avoid contamination to ground water system. Collect all waste in a suitable and labelled container for disposal. Dispose contained material by an approved waste company.

For cleaning up: Pick up mechanically and clean up afterwards with water or an aqueous cleaning solution by covering drains. Avoid generation of dust.

6.4 Reference to other sections

See section 8 for suitable personal protection and exposure controls.

See section 12 for ecological information.

See section 13 for disposal considerations.

Trade name:	Polysucrose 400	Print date:	26.01.2022
Product No:	7828	Revision date:	26.01.2022
Version:	2.0 / EN		

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures: Avoid contact with eyes, skin and clothing. Close containers directly after use. Use process ventilation (e.g. exhaust vacuum) to avoid dust generation if a closed system is not available.

Advice on general occupational hygiene: Wash thoroughly after handling. Do not drink or eat during handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Keep container tightly closed in a dry ventilated storing area. Protected from sun light.

Packaging materials: store in the original container according to the labelled temperature.

Further information on storage conditions: No information available

7.3 Specific end uses

Consult supplier for further information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls: The usual precautions when handling chemicals must be observed. Avoid contact with skin, eyes and clothing. Provide suitable ventilation.

Trade name: Polysucrose 400
Product No: 7828
Version: 2.0 / EN

Print date: 26.01.2022
Revision date: 26.01.2022

Personal protective equipment:**Eye / face protection:**

Dense-closing safety glasses

Hand protection:

Use chemical resistant gloves

Respiratory protection:

Normally not required. Use personal respiratory protection with filter type P2 , if dusts are generated.

Skin and body protection:

Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., apron, gauntlets, disposable suits).

Environmental exposure controls:

Do not allow material to contaminate ground water system

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	powder
Appearance/colour:	White
Odor:	Odourless
pH-value:	not applicable
Density:	No information available
Viscosity:	No information available
Melting point:	No information available
Boiling point:	No information available
Flash point:	No information available
Flammability:	No information available
Evaporation rate:	No information available
Flammable limit in air (upper):	No information available
Flammable limit in air (lower):	No information available
Solubility:	soluble in water
Autoignition temperature:	No information available
Explosive properties:	No information available
Oxidizing properties:	No information available
Decomposition temperature:	No information available
Vapour pressure:	No information available
Vapour density:	No information available

Trade name:	Polysucrose 400	Print date:	26.01.2022
Product No:	7828	Revision date:	26.01.2022
Version:	2.0 / EN		

9.2 Other information

No further information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No further information available.

In general powders may occur a dust explosion if fine distributed and whirled up.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat. Direct sunlight

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

Trade name: Polysucrose 400
Product No: 7828
Version: 2.0 / EN

Print date: 26.01.2022
Revision date: 26.01.2022

SECTION 11: Toxicological information

Acute toxicity: No data available
Sensitizing effect: Product is not suspected of sensitizing effect.
Carcinogenic effects: Product is not suspected of carcinogenic effect.

SECTION 12: Ecological information

Toxicity: No Information available
Persistence and degradability: No Information available
Bioaccumulative potential: No Information available
Mobility in soil: No Information available
Results of PBT and vPvB assessment: No Information available
Other adverse effects: This product does not contain any known or suspected endocrine disruptors.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste form residues / unused material: In accordance to local and national requirements.
Contaminated Packaging: In accordance to local and national requirements.

13.2 Additional Information:

No Information available.

SECTION 14: Transport information

Classification according ADR/RID: No dangerous good in accordance to this regulation.
Classification according IMO-IMDG: No dangerous good in accordance to this regulation.

Trade name: Polysucrose 400
Product No: 7828
Version: 2.0 / EN

Print date: 26.01.2022
Revision date: 26.01.2022

Classification according IATA/ICAO:

No dangerous good in accordance to this regulation.

SECTION 15: Regulatory information**Classification in accordance to EG 1272/2008:**

This product is not classified as hazardous. Nevertheless we recommend the following safety advices:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302: IF ON SKIN:

Chemical Safety Assessment:

For this substance a chemical safety assessment is not required.

SECTION 16: Other information**Training advice**

Personal have to be trained initial before handling, storage or use about the properties of this product as well as the necessary measures to guaranty the safety of personal and environment.

Further information

The information in this safety data sheet corresponds to our findings at the time of printing. The information shall provide you with information on the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, mixed or processed or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, may not be based on the new material can be transferred.

The information do not represent an assurance of the characteristics of the product in the sense of a law warranty.