

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

1.1 Product identifier

Product name:	GLUCO P20
INCI name:	PPG-20 METHYL GLUCOSE ETHER
REACH Reg. No.:	No data available.
CAS No.:	61849-72-7
EC No.:	612-557-2

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

Identified uses:	Cosmetics additive
Uses advised against:	No uses advised against.

1.3 Details of the supplier of the SDS

Manufacturer:	Guangzhou Tinci Materials Technology Co., Ltd
Address:	No.8, Kangda Road, Yunpu Industrial Zone, Huangpu District, Guangzhou, China
E-mail:	sales@tinci.com
Telephone:	+ 86 20 66601159
Fax:	+ 86 20 82058669

1.4 Emergency telephone number

In China: + 86 20 66601159 (Monday –Friday, 8:30a.m. -17:30p.m., Beijing Time)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008[CLP]

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Classification according to Directive 67/548/EEC [DSD]

This product does not meet the criteria for classification in any hazard class according to Directive 67/548/EEC on classification, labelling and packaging of substances.

Additional information

No relevant information available.

2.2 Label elements

No labelling information (such as hazard pictogram, signal word, hazard statement, precautionary statement) available. This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.3 Other hazards

No information available.

Section 3: Composition/information on ingredients

3.1 Substance information

INCI name:	PPG-20 METHYL GLUCOSE ETHER
CAS No.:	61849-72-7
Synonyms:	Poly[oxy(methyl-1,2-ethanediyl)], α -hydro- ω -hydroxy-,ether with methyl β -D-glucopyranoside (4:1)
Purity:	\geq 99.0%

Section 4: First aid measures

4.1 Description of first aid measures

General notes: In all cases of doubt, or when symptoms persist, seek medical attention.

Following inhalation:

Remove from exposure and move to fresh air.

Following skin contact:

Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

Following eye contact:

Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.

Following ingestion:

If victim is conscious and alert, give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.

Notes for the doctor:

Treat symptomatically and supportively.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of the immediate medical attention and special treatment needed

No information available.

Section 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide, dry chemical or foam. Water can be used to cool and protect exposed material.

Unsuitable extinguishing media:

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, aldehydes, smoke, and other products of incomplete combustion.

5.3 Advice for fire-fighters

Do not stay in dangerous zone without self-contained breathing apparatus.

Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots. A solid stream of water will spread the burning material.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal protective equipment must be worn. Avoid eyes/face contact. Avoid skin contact. Do not take internally.

6.2 Environmental precautions

Biodegradable product. Prevent entry into sewers and waterways.

6.3 Methods and material for containment and cleaning up

Remove sources of ignition; contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels or sand. Recover large spills for salvage or disposal. Wash hard surfaces with detergent.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling

Do not puncture, slide, or slide the storage container. Keep containers closed when not in use. Avoid prolonged exposure to heat and air. Mix well before using. Wash thoroughly after handling. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

7.2 Conditions for safe storage, including any incompatibilities

Store in closed containers between 10°C and 50°C. Keep away from oxidizing agents, excessive heat, and ignition sources.

7.3 Specific end use(s)

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

Section 8 : Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

No data available.

DNEL(Derived No Effect Level) for workers:

No DNEL values available.

DNEL(Derived No Effect Level) for the general population:

No DNEL values available.

PNEC(Predicted No Effect Concentration) values:

No PNEC values available.

8.2 Exposure controls

Appropriate engineering controls:

Use with adequate ventilation.

Personal protective equipment:

Eye protection: Safety Glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.

Skin protection: Wear suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

Hand protection: PVC coated gloves recommended to prevent skin contact.

Respiratory protection: Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Environmental exposure controls:

Do not let product enter drains.

Industrial hygiene:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Wash hands before breaks and at the end of workday.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid
Colour:	Colorless to yellowish
Odour:	Mild
Boiling point:	> 200°C
Vapour pressure:	No data available.

Version: 3.0/EN
Product name: GLUCO P20

Revision date: 09/11/2023
Printing date: 09/11/2023

Partition coefficient (n -octanol/water):	No data available.
Solubility(ies):	Soluble
Flash point:	299°C
Auto-ignition temperature:	No data available.
Flammability:	No data available.
Explosive properties:	No data available.
Oxidising properties:	Not applicable.
Evaporation rate :	No data available.
Viscosity:	No data available.

The above information is not intended for use in preparing product specifications. Contact Tinci before writing specifications.

9.2 Other information

Water content (%): ≤ 1.0

Section 10: Stability and reactivity

10.1 Reactivity

Normally stable at moderately elevated temperatures and pressures (see section 7, handling and storage).

10.2 Chemical stability

Material is normally stable at moderately elevated temperatures and pressures.

10.3 Possibility of hazardous reactions

Not determined.

10.4 Conditions to avoid

Heat, open flame, spark.

10.5 Incompatible materials

Strong acids, strong oxidizing agents.

10.6 Hazardous decomposition products

Combustion produces carbon monoxide, carbon dioxide, along with thick smoke.

Section 11: Toxicological information

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

Acute toxicity:

Dermal toxicity The LD50 > 2000 mg/Kg (Rabbits). Based on data from similar materials.

Oral toxicity The LD50 > 5000 mg/Kg (Rats). Based on data from similar materials.

Skin corrosion/irritation:

Version: 3.0/EN

Revision date: 09/11/2023

Product name: GLUCO P20

Printing date: 09/11/2023

Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures.

Serious eye damage/irritation:

May cause irritation.

Respiratory or skin sensitization:

No data available.

CMR effects (Carcinogenicity, Mutagenicity and Toxicity for Reproduction):

No data available.

STOT-single exposure and repeated exposure:

No data available.

Additional information:

No relevant information available.

11.2 Information on other hazards

No relevant information available.

Section 12: Ecological information

12.1 Toxicity

Freshwater Fish Toxicity: The LC50 is > 1000 mg/L.

Freshwater Invertebrates Toxicity: The EC50 is > 1000 mg/L.

Bacteria Toxicity: The EC50 is > 1000 ppm.

12.2 Persistence and degradability

The product will biodegrade moderately.

12.3 Bioaccumulative potential

Less than 1.0% of the components display no potential to bioconcentrate.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6 Endocrine disrupting properties

No data available.

12.6 Other adverse effects

No relevant information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Section 14: Transport information

14.1 UN number or ID number

This product is not regulated as a hazardous material or dangerous goods for transportation.

14.2 UN proper shipping name

This product is not regulated as a hazardous material or dangerous goods for transportation.

14.3 Transport hazard class(es)

This product is not regulated as a hazardous material or dangerous goods for transportation.

14.4 Packing group

No relevant information available.

14.5 Environmental hazards

No relevant information available.

14.6 Special precautions for user

No relevant information available.

14.7 Maritime transport in bulk according to IMO instruments

No relevant information available.

Section 15: Regulatory information

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

EU regulation: All components are in compliance with the EC Seventh amendment Directive 92/32/EEC.

Authorisations:	No information available.
Restrictions on use:	No information available.
EINECS:	CAS# 61849-72-7 is exempted.
DSD (67/548/EEC):	CAS# 61849-72-7 is not listed in the inventory.
Other chemical regulation:	
USA - TSCA:	CAS# 61849-72-7 is listed in the inventory.
Canada - DSL:	CAS# 61849-72-7 is listed in the inventory.
Australia - AICS:	CAS# 61849-72-7 is listed in the inventory.
New Zealand-NZIoC:	CAS# 61849-72-7 is listed in the inventory.
Philippines-PICCS:	CAS# 61849-72-7 is listed in the inventory.

Version: 3.0/EN

Revision date: 09/11/2023

Product name: GLUCO P20

Printing date: 09/11/2023

Korea-ECL: CAS# 61849-72-7 is listed in the inventory.
Japan –ENCS: CAS# 61849-72-7 is listed in the inventory.
China - IECSC: CAS# 61849-72-7 is listed in the inventory.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

Section 16: Other information

16.1 Revision Information:

Date of the previous revision: 01/04/2015.

Date of this revision: 09/11/2023

Revision summary: The third SDS

16.2 Abbreviations and acronyms

CLP: EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
EINECS: European Inventory of Existing Commercial Chemical Substances.
RID: European Rail Transport.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
OSHA: The United States Occupational Safety and Health Administration.
TSCA: Toxic Substances Control Act, The American chemical inventory.
DSD: Dangerous Substance Directive (67/548/EEC).
IECSC: Inventory of existing chemical substances in China.
DSL: Domestic Substances List, The Canadian chemical inventory.
NZIoC: New Zealand Inventory of Chemicals
AICS: The Australian Inventory of Chemical Substances.
PICCS: Philippine Inventory of Chemicals and Chemical Substances
ECL: Existing Chemicals List, the Korean chemical inventory.
ENCS: Japanese Existing and New Chemical Substances.

16.3 Key literature references and sources for data

No relevant information available.

16.4 Relevant R-phrases and H-statements

Not applicable. This product does not meet the criteria for classification in any hazard class according to EU Classification Regulation.

16.5 Training advice

Provide adequate information, instruction and training for operators.

16.6 Declare to reader



Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 878/2020)

Version: 3.0/EN

Revision date: 09/11/2023

Product name: GLUCO P20

Printing date: 09/11/2023

The information in this Safety Data Sheet (SDS) was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.

----- End of the SDS -----