

SDS Report

No.: PS-0016-M-001-09

Revision Date: 13<sup>th</sup> May, 2024

JAKA Biotech Co., Ltd.

No. 818, Tiangong Road, Jinshan District, Shanghai, PRC. (201506)

Ref. No. : PS-0016-M-001-09

Sample Name : Gracest SOY

End Uses : Skin care (Anti-wrinkle, Whitening)

Composition/ingredient of sample  
(As per R&D Department) : See Section 3

Job Receiving Date : 12<sup>th</sup> May, 2024

Last Information Date : 13<sup>th</sup> May, 2024

SDS Preparation Period : 13<sup>th</sup> May, 2024

Service Requested : Safety Data Sheet for the sample with submitted composition.

Summary : The contents and formats of the SDS are prepared in accordance with Regulation (EC) No.1272/2008 and amended by Commission Regulation (EU) No.2020/878, and is provided per attached.

Signed for and on behalf of  
JAKA R&D Department



Ya Gao

Authorized Signature

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Safety Data Sheet  
Regulation (EC) No. 1907/2006, 1272/2008

Printing date: 13<sup>th</sup> May, 2024

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**SECTION 1. Identification of the substance/mixture and of the company/undertaking**

**Product identifier**

Trade name: Gracest SOY

Registration number: Data not available.

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

Application of the substance/the preparation: Skin care (Anti aging , Whitening) .

Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

JAKA Biotech Co., Ltd.

No. 818, Tiangong Road, Jinshan District, Shanghai, PRC. (201506)

Tel.: 86-21-34556071 34556072

Fax: 86-21-34556079

**Only Representative/other EU contact point:**

Buyer is not located in European Union. European Union Member State contact is not available.

Further information obtainable from: JAKA Biotech Co., Ltd.

**Emergency telephone number:**

Tel.: 86-21-34556071

E-mail: [regulation@jakabiotech.com](mailto:regulation@jakabiotech.com)

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**SECTION 2. Hazards identification**

Classification of the substance or mixture: mixture

Regulation (EC) No.1272/2008	
Hazard classes/Hazard categories	Hazard statement
N/A	N/A

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**Trade Name: Gracest SOY**

**Label elements**

Hazard pictogram: Not applicable.

Signal word: Not applicable.

Hazard statements: Not applicable.

Precautionary statement: Not applicable.

Other hazards: Not applicable.

**Results of PBT and vPvB assessment:**

PBT: Not applicable.

vPvB: Not applicable.

**Results of the EDCs assessment:**

ED HH Category 1 and 2: Not applicable.

ED ENV Category 1 and 2: Not applicable.

**SECTION 3. Composition/information on ingredients**

Chemical characterization: Mixtures

**Ingredients:**

Chemical Name	CAS No.	EINECS No.	Concentration	Classification
PEG-4	112-60-7	203-989-9	88.0-90.0%	Not Classified
Soy Isoflavones	Not Applicable	Not Applicable	10.0-12.0%	Not Applicable

10.0-12.0% of the mixture consists of component (s) of unknown toxicity.

10.0-12.0% of components with unknown hazards to the aquatic environment.

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Printing date: 13<sup>th</sup> May, 2024Revision date: 13<sup>th</sup> May, 2024**Trade Name: Gracest SOY****SECTION 4. First aid measures****Description of first aid measures**

**After inhalation:** Supply fresh air; consult a doctor in case of emergency.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye(s) for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Rinse out mouth with water.

If symptoms persist, consult a doctor.

Never give anything by mouth to an unconscious person.

**Information for doctors:****Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

**SECTION 5. Firefighting measures****Extinguishing media**

CO<sub>2</sub> powder or water spray. Fight larger fire with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture:**

No further relevant information available.

**Advice for firefighters****Protective equipment:**

Wear fully protective suits and mouth respiratory protective devices.

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**SECTION 6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Avoid contact with skin.

Use respiratory protective devices against the effects of fume/dust/aerosol.

Avoid contact with eyes.

**Environmental precautions:** Do not allow to enter sewer/surface or ground water.

**Methods and material for containment and cleaning up:**

Pick up mechanically.

Dispose contaminated material(s) as the waste according to Section 13.

**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 disposal information.

**SECTION 7. Handling and storage**

**Handling:**

**Precautions for safe handling**

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of dust. Avoid contact with eyes.

**Information about fire and explosion protection:** Normal measures for preventive fire protection.

**Storage:**

**Requirements to be met by storerooms and receptacles:** Store with temperature not higher than 30°C and keep sealed.

**Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidizing agents.

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**Further information about storage conditions:**

It shall be stored in a ventilated and dry warehouse with temperature not higher than 30°C and kept sealed.

**Specific end use(s):** No further relevant information available.

**SECTION 8. Exposure controls/personal protection**

**Additional information about design of technical facilities:** No further data.

**Control Parameters**

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs:** Data not available.

**PNECs:** Data not available.

**Additional information:** The lists valid during the making were used as a basis.

**Exposure controls**

**Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**

**Personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Suitable respiratory protective devices are recommended.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material is in consideration of the penetration time, rate of diffusion and the degradation.

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**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturers. As the product is a preparation of several substances, The resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses.

**SECTION 9. Physical and chemical properties**

**Information on basic physical and chemical properties**

**General Information**

<b>Appearance:</b>	Transparent liquid
<b>Color:</b>	Light yellow to brownish yellow
<b>Odor:</b>	Slight characteristic odor
<b>Odor threshold:</b>	Data not available.
<b>pH value:</b>	Data not available.
<b>Change in condition:</b>	
<b>Melting point/Melting range:</b>	Data not available.
<b>Freezing point:</b>	Data not available.
<b>Boiling point/Boiling range:</b>	Data not available.
<b>Flash point:</b>	Data not available.
<b>Flammability (solid gaseous):</b>	Not flammable.
<b>Auto-ignition temperature:</b>	Data not available.
<b>Decomposition temperature:</b>	Data not available.

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Self-igniting:	Not self-igniting.
Explosive properties:	Product presents no explosive hazard.
Explosion limits:	
Lower:	Data not available.
Upper:	Data not available.
Oxidizing properties:	Data not available.
Vapour pressure:	Data not available.
Density(20°C):	1.13-1.18 g/m <sup>3</sup>
Relative density:	Data not available.
Vapour density:	Data not available.
Evaporation rate:	Data not available.
Solubility in/Miscibility with:	
Water:	Soluble.
Partition coefficient (n-Octanol/water):	Data not available.
Viscosity:	
Dynamic:	Data not available.
Kinematic:	Data not available.
Other information:	No further relevant information available.

**SECTION 10. Stability and reactivity**

**Reactivity:** No decomposition if used according to specifications.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No hazardous reactions known.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No hazardous decomposition products known.

**SECTION 11. Toxicological information**

Information on toxicological effects

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**Acute toxicity**

**LD/LC50 values relevant form classification:**

112-60-7 PEG-4

Oral LD50: 30,000 mg/kg (rat)

Dermal LD50: 22,600 mL/kg (rat)

**Primary irritant effect**

**On the skin:** Irritating effect possible.

**On the eye:** Irritating effect possible.

**Sensitization:** No sensitization possible.

**Toxicokinetics, metabolism and distribution:** No further relevant information available.

**Acute effect (acute toxicity, irritation and corrosivity):** No further relevant information available.

**Repeated dose toxicity:** No further relevant information available.

**CMR effects (carcinogenicity, mutagenicity and toxicity):** No further relevant information available.

**SECTION 12. Ecological information**

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Behaviour in environmental systems**

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Additional ecological information:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

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**SECTION 13. Disposal considerations**

**Waste treatment methods**

**Recommendation:** Smaller quantities can be disposed of with household wastes.

**Uncleaned packaging**

**Recommendation:** Disposal must be made according to official regulations.

**SECTION 14. Transport information**

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard Class(es)	Not regulated	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No	No
Special precautions for user(s)	Not regulated	Not regulated	Not regulated	Not regulated
Maritime transport in bulk according to IMO instruments	Not regulated	Not regulated	Not regulated	Not regulated

**SECTION 15. Regulatory information**

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

Relevant information regarding authorization: Not applicable.

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**Relevant information regarding restriction:** Not applicable.

**Other EU regulations:** Employment restrictions concerning young people must be observed. For use only by technically qualified individuals.

**Other National regulations:** Not applicable.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16. Other information**

**Indication of changes:** Amended by (EU) 2020/878.

**DISCLAIMER OF LIABILITY:**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressions or implications, 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.

**Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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