

SDS Report

No.: SS-0012-M-001-10

Revision Date: 11th Jul., 2024

JAKA Biotech Co., Ltd.

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

Ref. No. : SS-0012-M-001-10

Sample Name : Gwhite VC-IP

End Uses : Skin care

Composition/ingredient of sample

(As per R&D Department) : See Section 3

Job Receiving Date : 12th Jul., 2024Last Information Date : 14th Jul., 2024SDS Preparation Period : 14th Jul., 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

The information in this 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.

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

Printing date: 11th Jul., 2024

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

Product identifier

Trade name: Gwhite VC-IP

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.

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

Reference Number: SS-0012-M-001-10

SECTION 2. Hazards identification

Classification of the substance or mixture: Substance

Regulation (EC) No.1272/2008	
Hazard classes/Hazard categories	Hazard statement
Skin Sens. 1	H317
Aquatic Chronic 1	H410
Aquatic Acute 1	H400

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Label elements



Hazard pictogram:

Signal word: Warning.

Hazard statements: H317 H410 H400

Precautionary statement:

P261: Avoid breathing dust/fume/gas/mist/vapour/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352: If on skin, wash with plenty of water.

P333 + P313: If skin irritation or rash occurs, get medical advice/attention.

P321: Specific treatment (see ... on this label).

P363: Wash contaminated clothing before reuse

P391: Collect spillage.

P501: Dispose of contents/container in accordance with local / regional / national / international regulations.

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: Substance

Ingredients:

Chemical Name	CAS No.	EINECS No.	Concentration	Classification
Ascorbyl Tetraisopalmitate	183476-82-6	430-110-8	100.0%	H317 H410 H400

Remark: Classification information of substance Ascorbyl Tetraisopalmitate is provided by R&D Department.

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

H400: Very toxic to aquatic life.

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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**

CO₂ 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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It shall be stored in a ventilated and dry warehouse with temperature not higher than 30°C and kept sealed and away from light.

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. 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

Appearance:	Liquid
Color:	Colorless to light yellow
Odor:	Slight characteristic odor
Odor threshold:	Data not available.
pH value:	Data not available
Change in condition:	
Melting point/Melting range:	Data not available.
Freezing point:	Data not available.
Boiling point/Boiling range:	Data not available.
Flash point:	226.5°C
Flammability (solid gaseous):	Not flammable.
Auto-ignition temperature:	Data not available.
Decomposition temperature:	ca. 164°C.

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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:	< 0 Pa(20°C).
Density (20°C):	0.92-0.96 g/cm ³ .
Relative density:	0.92-0.96.
Vapour density:	Data not available.
Evaporation rate:	Data not available.
Solubility in/Miscibility with:	
Water:	< 0.09 mg/L, 19°C.
Partition coefficient (n-Octanol/water):	> 6.2, 24°C
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: Oxides of carbon.

SECTION 11. Toxicological information

Information on toxicological effects

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Trade Name: Gwhite VC-IP
Acute toxicity

LD/LC50 values relevant form classification:

183476-82-6 Ascorbyl Tetraisoalmitate Oral LD50: > 2,000 mg/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

Acute (short-term) toxicity:

LC50 (96h, Fish): Not available.

EC50 (48h, Crustacea): < 0.09 mg/L.

EC50 (72h, Algae/aquatic plants): > 0.09 mg/L.

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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Trade Name: Gwhite VC-IP
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	UN3082	UN3082	UN3082	UN3082
UN Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Ascorbyl Tetraisorpalmitate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Ascorbyl Tetraisorpalmitate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Ascorbyl Tetraisorpalmitate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Ascorbyl Tetraisorpalmitate)
Transport hazard Class(es)	9	9	9	9
Packing group	III	III	III	III
Environmental hazards	Yes	Yes	Yes	Yes
Special precautions for user	See Section 2	See Section 2	See Section 2	See Section 2
Maritime transport in bulk according to IMO instruments	IBC03	IBC03	IBC03	IBC03

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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