



SDS Report

No.: PS-0078-M-001-01

Revised Date: Dec. 23, 2020

Shanghai JAKA Biotech Co., LTD.

No. 857, Tiangong Road, Jinshan District, Shanghai, China (201506)

Ref. No. : PS-0078-M-001-01
Sample Name : Hairdian AP
End Uses : Skin care (Scalp Care)
Composition/ingredient of sample (As per R&D Department) : See Section 3 Composition/information on ingredients on the SDS Report
Job Receiving Date : 11.16, 2020
Last Information Date : 12.23, 2020
SDS Preparation Period : 12.23, 2020

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

Summary : AS per request, the contents and formats of the SDS are prepared in accordance with European Commission Directives 67/548/EEC, 1999/45/EC, Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008/EC and Regulation (EU) No 453/2010, and is provided per attached.

Signed for and on behalf of
JAKA R&D Department

Yi-na Lu
R&D Director

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.

ADD.: No. 857, Tiangong Road, Jinshan District, Shanghai, China (201506)

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SECTION 1. Identification of the substance/mixture and of the company/undertaking**Product identifier****Trade name:** Hairdian AP**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:**

Shanghai JAKA Biotech Co., LTD.

No. 857, Tiangong Road, Jinshan District, Shanghai, China (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 not available.

Further information obtainable from: Shanghai JAKA Biotech Co., LTD.**Emergency telephone number:**

Jun Tian

Tel.: 86-13916357691

E-mail: tianjun@greaf.com.cn**Reference Number:** PS-0078-M-001-01**Remark:**

This sample is likely to be classified as cosmetic product and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

SECTION 2. Hazards identification**Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

Label elements**Labeling according or Regulation(EC) No.1272/2008:**

Not applicable

Hazard pictograms: Not applicable**Signal word:** Not applicable**Hazard-determining components of labeling:** 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**SECTION 3. Composition/information on ingredients****Chemical characterization:** Mixtures**Description:** Mixture of the substances listed below with nonhazardous addition.**Dangerous components:** Not applicable

Non-dangerous components:		
CAS No.: 504-63-2 EINECS No.: 207-997-3	Propanediol	67.6-77.8%
CAS No.: Not Applicable EINECS No.: Not Applicable	<i>Platycladus orientalis</i> Leaf Extract	17.0-22.0%
CAS No.: 84696-15-1 EINECS No.: 283-634-2	<i>Zingiber officinale</i> (Ginger) Root Extract	4.0-8.0%
CAS No.: 85085-25-2 EINECS No.: 285-356-7	<i>Trifolium pratense</i> (Clover) Leaf Extract	0.6-1.2%
CAS No.: Not Applicable EINECS No.: Not Applicable	<i>Artemisia argyi</i> Leaf Extract	0.6-1.2%

Remark:

Classification information of substance *Platycladus orientalis* Leaf Extract, *Zingiber officinale* (Ginger) Root Extract, *Trifolium pratense* (Clover) Leaf Extract and *Artemisia argyi* Leaf Extract are provided by R&D Department.

Trade Name: Hairdian AP**SECTION 4. First aid measures****Description of first aid measures****After inhalation:** Supply fresh air; consult doctor in case of complaint**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 for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth with water.

If symptoms persist consult doctor.

Never give anything by mouth to an unconscious person.

Information for doctor:**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****Suitable extinguishing agents:**CO₂ powder or water spray. Fight larger fires 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 suit.

Mouth respiratory protective device.

Trade Name: Hairdian AP**SECTION 6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Avoid contact with skin.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

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

Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose contaminated material as waste according to item 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:**Conditions for safe storage, including any incompatibilities**

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Trade Name: Hairdian AP

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 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; see item 7.

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 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 device 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 on consideration of the penetration times, rates of diffusion and the degradation.

Trade Name: Hairdian AP**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 manufacture. As the product is a preparation of several substance, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break trough 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:**

Form:	Liquid
Colour:	Yellow to brownish yellow
Odour:	Characteristic odor
Odour threshold:	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:	136 °C.
Flammability (solid gaseous):	Product is not flammable
Auto-ignition temperature:	Data not available
Decomposition temperature:	Data not available

Trade Name: Hairdian AP

Self-igniting:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Data not available
Upper:	Data not available
Oxidizing properties:	Data not available
Vapour pressure:	Data not available
Density:	1.02-1.10 g/cm ³
Relative density:	Data not available
Vapour density:	Data not available
Evaporation rate:	Data not available
Solubility in/Miscibility with:	
Water:	Not Soluble
Partition coefficient (n-octanol/water):	Data not available
Viscosity:	
Dynamic:	Data not available
Kinematic:	Data not available
Other information:	
Refractive index :	1.400-1.500

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 dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11. Toxicological information**Information on toxicological effects**

Trade Name: Hairdian AP**Acute toxicity****LD/LC50 values relevant form classification:****504-63-2 Propanediol**

Abdominal LD50 4780 mg/kg (mouse)

Dermal LD50 Data not available

Primary irritant effect**On the skin:** Irritating effect possible.**On the eye:** Irritating effect possible.**Sensitization:** Not 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 (carcinogenity, mutagenicity and toxicity for reproduction):**

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:****General notes:**

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.

Trade Name: Hairdian AP**SECTION 13. Disposal considerations****Waste treatment methods****Recommendation:** Smaller quantities can be disposed of with household waste.**Uncleaned packaging****Recommendation:** Disposal must be made according to official regulation.**SECTION 14. Transport information****UN-Number****ADR, IMDG, IATA:** Not applicable**UN proper shipping name****ADR, IMDG, IATA:** Not applicable**Transport hazard class(es)****ADR, IMDG, IATA:** Not applicable**Class****Packing group****ADR, IMDG, IATA:** Not applicable**Environmental hazards****Marine pollutant:** No**Special precautions for user** Not applicable**Transport in bulk according to Annex II of****MARPOL73/78 and IBC Code:** Not applicable**UN "Model Regulation":** -**SECTION 15. Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

National regulations:

Trade Name: Hairdian AP

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

Other regulations, limitations and prohibitive regulations**SVHC Candidate List of REACH Regulation Annex XIV Authorization(20/6/2013)**

None of the ingredients is listed.

REACH Regulation Annex XVII Restriction(13/2/2013)

None of the ingredients is listed.

REACH Regulation Annex XIV Authorization List(17/4/2013)

None of the ingredients is listed.

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

SECTION 16. Other information**Relevant phrases**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

R36/37/38 Irritating to eye, respiratory system and skin.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1272/2008, REGULATION (EC) No 1907/2006, Regulation (EU) No 453/2010 and EU Commission Directive 1999/45/EC, 67/548/EEC.

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, 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.

Trade Name: Hairdian AP**Abbreviations and acronyms:**

ADR: Accord European sur le transport des marchandises dangereuses par Route
(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 Labelling 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

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