

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 1 of 13

1. Identification of Substance

Product Details

Product Name: BLACK HAIR SHAMPOO
Product Use: Hair dye
Manufacturer/Supplier By: GUANGZHOU YUCAITANG COSMETICS CO., LTD.
NO. 168, South Kapok Road, Changhong Industrial Zone, Junhe Street, Baiyun District, Guangzhou, China
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2. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

In accordance with article 3 (3) of REACH, this / these item(s) are products. A product is not subject to the mandatory marking regulations applicable to dangerous substances. The product is not classified as hazardous to health or environment according to the CLP regulation.

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Other hazards: None

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 2 of 13

3. Composition/Data on Components

COMPONENT	CAS No.	% By wt.
A Agent		
Aqua	7732-18-5	65.4%
Sodium laureth sulfate	1335-72-4	10%
Cocamide dea	68603-42-9	1%
Glycol stearate	111-60-4	2%
Sodium lauryl sulfate	151-21-3	5%
Propylene glycol	57-55-6	5%
p-Phenylenediamine	106-50-3	2%
m-Aminophenol	591-27-5	0.5%
Resorcinol	108-46-3	0.3%
Sodium erythorbate	6381-77-7	0.3%
Acrylates/steareth-20 methacrylate copolymer	/	2%
Cocamidopropyl betaine	61789-40-0	3%
Parfum	/	0.5%
Ethanolamine	141-43-5	3%
B Agent		
Aqua	7732-18-5	64.15%
Sodium laureth sulfate	1335-72-4	15%
Cocamide dea	68603-42-9	2%
Sodium lauryl sulfate	151-21-3	3%
Propylene glycol	57-55-6	5%
Cocamidopropyl betaine	61789-40-0	3%
Parfum	/	0.3%
Disodium phosphate	7558-79-4	0.5%
Phosphoric acid	7664-38-2	0.1%
Hydrogen peroxide	7722-84-1	6.5%
Oxyquinoline sulfate	134-31-6	0.15%
Etidronic acid	2809-21-4	0.3%

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 3 of 13

4. First aid Measures

Eye contact:	Immediately flush eyes with running water for at least 15 minutes without interruption. Seek medical advice.
Skin contact:	Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, contact a physician.
Inhalation:	Not expected to be irritating to the respiratory system.
Ingestion:	Rinse mouth with water. Consult a physician.

5. Fire Fighting Measures

Suitable extinguishing agents:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture:	None known.
Special Fire-Fighting Procedures:	Wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions:	Avoid breathing vapours, mist or gas.
Environmental precautions:	Prevent from entering sewer system, surface water or soil.
Methods for cleaning up:	Absorb liquid and scrub the area with detergent. Dilute with water.
Reference to other sections:	For disposal see section 13.

7. Handling and Storage

Handling:	Avoid contact with eyes. Use according to package label instructions. Do not reuse the empty container. Keep out of reach of children. For external use only. Observe label precautions.
Storage:	Storage in large quantities (as in warehouses) should be in a well-ventilated, cool area. Avoid storage under direct sunlight.

8. Exposure Controls and Personal Protection

Exposure Guidelines:	Exposure guidelines are not relevant when product is used as intended in a household setting.
Engineering controls:	This is a personal care product that is safe for consumers and other users

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 4 of 13

under normal and reasonably foreseen use.

Personal Protective equipment

Ventilation:	No occupational exposure limits established.
Respiratory protection:	None required under normal conditions of use.
Hand Protection:	Handle with gloves.
Eye Protection:	Not required under normal conditions of use.
Body Protection:	Impervious clothing.
Additional protective clothing & equipment:	N/A.

9. Physical and Chemical Properties

General Information

Form:	A: Pale yellow peal mucus; B: Yellow transparent mucus
Color:	A: Pale yellow; B: Yellow
Odor:	A: Odorless; B: Fruit flavor
Boiling Point:	A: >90°C; B: >90°C
Melting Point:	No data
Flashpoint:	No data
Density:	A: 1.02±0.02 g/cm ³ ; B: 1.02±0.02 g/cm ³
Viscosity:	A: 3000-10000; B: 3000-10000
Upper flammable(explosive) limits in air-Lower (vol%)-UEL:	Not applicable
Oxidising properties:	Not applicable
(Partition coefficient) (n-octanol / water):	Not applicable
Evaporation rate:	Not applicable
Vapor Pressure:	No data
Ignition temperature:	Not applicable
Vapor Density:	Not applicable
Solubility In Water:	A: Easily dissolved; B: Easily dissolved
Specific Gravity (H₂O = 1):	No data available
pH:	A: 10.0-11.0(1:10); B: 2.0-4.5(1:10)
Freezing Point:	No data available
Molecular Weight:	Mixture

10. Stability and Reactivity

Stability:	Stable under normal conditions.
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Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 5 of 13

Incompatible Products: None known.
Conditions to Avoid: No data available.
Hazardous Polymerization: Hazardous polymerization does not occur.
Hazardous Decomposition Products: No data available.

11. Toxicological Information

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

Product Information

Acute toxicity: No toxicity data available for this product. Please refer to following ingredient's data:

CAS No.: 68603-42-9
Oral: LD50 Rat oral 12.2 g/kg /12,200 mg/kg/
CAS No.: 151-21-3
LD50 Oral - Rat - female - 977 mg/kg
(OECD Test Guideline 401)
LD50 Dermal - Rabbit - > 2.000 mg/kg
(OECD Test Guideline 404)
CAS No.: 57-55-6
LD50 Oral - Rat - 20.000 mg/kg
LD50 Dermal - Rabbit - 20.800 mg/kg
LD50 Intramuscular - Rat - 14 g/kg
LD50 Intravenous - Dog - 26 g/kg
LD50 Intraperitoneal - Rat - 6.660 mg/kg
LD50 Subcutaneous - Rat - 22.500 mg/kg
LD50 Intravenous - Rat - 6.423 mg/kg
LD50 Intraperitoneal - Mouse - 9.718 mg/kg
Remarks: Lungs, Thorax, or
Respiration: Chronic pulmonary edema. Kidney, Ureter,
Bladder: Changes in both tubules and glomeruli.
Blood: Changes in spleen.
LD50 Subcutaneous - Mouse - 17.370 mg/kg
Remarks: Behavioral: Change in motor activity (specific assay).
Behavioral: Muscle
contraction or spasticity. Cyanosis
LD50 Intravenous - Mouse - 6.630 mg/kg

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 6 of 13

LD50 Intravenous - Rabbit - 6.500 mg/kg

CAS No.: 106-50-3

Oral: LDLo Rat oral 100 mg/kg

Inhalation: LC50 - rat (male) - 0.92 mg/L air.

Dermal: mortality - rabbit - 5 000 mg/kg bw.

CAS No.: 591-27-5

LD50 Oral - Rat - 924 mg/kg

Remarks: Peripheral Nerve and Sensation:Spastic paralysis with or without sensory change.

Behavioral:Excitement. Lungs, Thorax, or Respiration:Other changes.

LC50 Inhalation - Rat - 1.162 mg/m³

Remarks: Peripheral Nerve and Sensation:Spastic paralysis with or without sensory change.

Behavioral:Excitement. Lungs, Thorax, or Respiration:Other changes.

CAS No.: 108-46-3

LD50 Oral - Rat - male and female - 510 mg/kg

(OECD Test Guideline 401)

LD50 Dermal - Rabbit - male - 2.830 mg/kg

CAS No.: 6381-77-7

Oral: LD50 - rat - > 5 000 mg/kg bw.

Inhalation: no data available

Dermal: LD50 - rabbit - > 2 000 mg/kg bw.

CAS No.: 141-43-5

LD50 Oral - Rat - male and female - 1.089 mg/kg

(OECD Test Guideline 401)

LD50 Dermal - Rabbit - 1.015 mg/kg

Remarks: (RTECS)

CAS No.: 7664-38-2

LD50 Oral - Rat - 1.250 mg/kg

Remarks: Lungs, Thorax, or Respiration:Acute pulmonary edema.

Liver:Changes in liver weight. (RTECS)

CAS No.: 134-31-6

LD50 Oral - Rat - 1.200 mg/kg

LD50 Dermal - Rat - > 4.000 mg/kg

CAS No.: 2809-21-4

Oral: LD50 - rat (male/female) - 3 130 mg/kg bw. Remarks:1878 mg/kg bw

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 7 of 13

active acid.

Inhalation: no data available

Dermal: LD50 - rabbit (male/female) - > 10 000 mg/kg bw.

Skin corrosion/irritation:

CAS No.: 151-21-3

Skin - Rabbit

Result: Irritations

(OECD Test Guideline 404)

CAS No.: 108-46-3

No data available

Skin - Rabbit

Result: Irritating to skin. - 24 h

CAS No.: 591-27-5

Skin - Rabbit

Result: Mild skin irritation - 24 h

CAS No.: 141-43-5

Skin - Rabbit

Result: Corrosive - 4 h

(OECD Test Guideline 404)

Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

CAS No.: 7558-79-4

Skin - Rabbit

Result: Mild skin irritation - 24 h

CAS No.: 7664-38-2

Skin - Rabbit

Result: Causes burns. - 24 h

Remarks: (ECHA)

(Regulation (EC) No 1272/2008, Annex VI)

Serious eye damage/eye irritation: CAS No.: 151-21-3

Eyes - Rabbit

Result: Irreversible effects on the eye

(OECD Test Guideline 405)

CAS No.: 57-55-6

Eyes - Rabbit

Result: Mild eye irritation

CAS No.: 108-46-3

No data available

Eyes - Rabbit

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 8 of 13

Result: Irreversible effects on the eye - 72 h

CAS No.: 591-27-5

Eyes - Rabbit

Result: Moderate eye irritation - 24 h

CAS No.: 141-43-5

Eyes - Rabbit

Result: Corrosive

(OECD Test Guideline 405)

Causes serious eye damage.

CAS No.: 7558-79-4

Eyes - Rabbit

Result: Mild eye irritation - 24 h

CAS No.: 7664-38-2

Causes serious eye damage.

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

Potential health effects

Eyes: May cause eye irritation.

12. Ecological Information

Ecotoxicity: CAS No.: 68603-42-9

Toxicity to fish:

LC50 *Brachydanio rerio* (zebra fish) 6.7 mg/L/96 hr; static-renewal

Toxicity to daphnia and other aquatic invertebrates:

EC50 *Daphnia magna* (water flea) 3.3 mg/L/24 hr; Conditions: static; Effect: immobilities (loss of ability to swim)

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 9 of 13

Toxicity to algae:

EC50 *Scenedesmus subspicatus* (green alga) 2.2 mg/L/72 hr; Effect: biomass /Conditions of bioassay not specified in source examined

Toxicity to microorganisms: no data available

CAS No.: 151-21-3

Toxicity to fish:

flow-through test LC50 - *Pimephales promelas* (fathead minnow) - 29mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates:

LC50 - *Daphnia dubia* (water flea) - 5,55 mg/l - 48 h

NOEC - *Daphnia dubia* (water flea) - 0,684 mg/l - 7 d

Toxicity to algae:

Growth inhibition LOEC - *Pseudokirchneriella subcapitata* - 2,68 mg/l - 6 d

static test EC50 - *Desmodesmus subspicatus* (green algae) - > 120 mg/l - 72 h

CAS No.: 57-55-6

Toxicity to fish:

mortality NOEC - *Pimephales promelas* (fathead minnow) - 52.930mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates:

mortality NOEC - *Daphnia* (water flea) - 13.020 mg/l - 48 h

EC50 - *Daphnia magna* (Water flea) - > 10.000 mg/l - 48 h

CAS No.: 106-50-3

Toxicity to fish:

LC50 - *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)-3.9 mg/L- 96 h.

Toxicity to daphnia and other aquatic invertebrates:

LC50 - *Gammarus fasciatus* - 8.1 mg/L - 96 h.

Toxicity to algae:

EC50 - *Chlorella pyrenoidosa* - 0.53 mg/L - 90 h.

Toxicity to microorganisms:

EC50 - activated sludge of a predominantly domestic sewage - 13.4 mg/L - 3 h.

Remarks:Respiration rate.

CAS No.: 591-27-5

Toxicity to daphnia and other aquatic invertebrates:

EC50 - *Daphnia magna* (Water flea) - 1,1 mg/l - 48 h

CAS No.: 108-46-3

No data available

Toxicity to fish:

flow-through test LC50 - *Pimephales promelas* (fathead minnow) -

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 10 of 13

29,5 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates:

semi-static test EC50 - Daphnia magna (Water flea) - 1 mg/l - 48 h

(OECD Test Guideline 202)

Toxicity to algae:

static test EC50 - Pseudokirchneriella subcapitata (green algae) ->97 mg/l -72 h

(OECD Test Guideline 201)

Toxicity to bacteria:

Respiration inhibition EC50 - activated sludge - 79 mg/l - 3 h

(OECD Test Guideline 209)

CAS No.: 6381-77-7

Toxicity to fish: LC50 - Oncorhynchus mykiss (previous name: Salmo gairdneri)

- > 100 mg/L - 96 h.

Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna - >

84 mg/L - 48 h.

Toxicity to algae: EC50 - Pseudokirchneriella subcapitata (previous names:

Raphidocelis subcapitata, Selenastrum capricornutum) - > 160 mg/L - 72 h.

Toxicity to microorganisms: no data available

CAS No.: 141-43-5

Toxicity to fish:

semi-static test LC50 - Cyprinus carpio (Carp) - 349 mg/l - 96 h

(Tested according to Directive 92/69/EEC.)

Toxicity to daphnia and other aquatic invertebrates:

static test EC50 - Daphnia magna (Water flea) - 65 mg/l - 48 h

(Regulation (EC) No. 440/2008, Annex, C.2)

Toxicity to algae:

static test ErC50 -Pseudokirchneriella subcapitata (green algae) -2,8 mg/l - 72 h

(OECD Test Guideline 201)

static test NOEC - Pseudokirchneriella subcapitata (green algae) - 1mg/l - 72 h

(OECD Test Guideline 201)

Toxicity to bacteria:

static test EC10 - activated sludge - > 1.000 mg/l - 30 min

(OECD Test Guideline 209)

CAS No.: 7664-38-2

Toxicity to daphnia and other aquatic invertebrates:

static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h

(OECD Test Guideline 202)

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 11 of 13

Toxicity to algae:

static test ErC50 - *Desmodesmus subspicatus* (green algae) - > 100 mg/l - 72 h
(OECD Test Guideline 201)

Toxicity to bacteria:

static test EC50 - activated sludge - > 1.000 mg/l - 3 h
(OECD Test Guideline 209)

CAS No.: 2809-21-4

Toxicity to fish:

LC50 - *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)-195 mg/L-96 h.

Toxicity to daphnia and other aquatic invertebrates:

EC50 - *Daphnia magna* - 527 mg/L - 48 h.

Toxicity to algae:

EC50 - *Pseudokirchneriella subcapitata* (previous names: *Raphidocelis subcapitata*, *Selenastrum capricornutum*) - 7.23 mg/L - 96 h.

Toxicity to microorganisms:

EC0 - *Pseudomonas putida* - > 1 000 mg/L.

Persistence and degradability:

CAS No.: 151-21-3

Biodegradability aerobic - Exposure time 28 d

Result: 95 % - Readily biodegradable.

(OECD Test Guideline 301B)

Ratio BOD/ThBOD 95,9 %

CAS No.: 141-43-5

Biodegradability:

aerobic - Exposure time 21 d

Result: > 90 % - Readily biodegradable.

(OECD Test Guideline 301A)

Result: 90 - 100 % - Readily biodegradable.

(OECD Test Guideline 301F)

Biochemical Oxygen Demand (BOD):

800 mg/g Remarks: (IUCLID)

Theoretical oxygen demand:

1.310 mg/g Remarks: (IUCLID)

Biodegradability:

CAS No.: 151-21-3

Bioaccumulation:

Cyprinus carpio (Carp) - 72 h

(Sodium dodecyl sulphate)

Bioconcentration factor (BCF): 3,9 - 5,3

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 12 of 13

Environmental Fate: No data available regarding the environmental fate or biodegradation.

13. Disposal Considerations

Product-Recommendation: Offer surplus and non-recyclable solutions to a licensed disposal company.
Uncleaned packagings-Recommendation: Dispose of as unused product.

14. Transport Information

UN number

ADR/RID: None

IMDG: None

IATA: None

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: None

IMDG: None

IATA: None

Packaging group

ADR/RID: None

IMDG: None

IATA: None

Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

15. Regulations

Product related hazard

information:

Observe the general safety regulations when handling chemicals.

National regulations:

All components of this product are listed in the EU Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory.

Information about limitation of

use:

For use only by technically qualified individuals.

16. Other Information

DISCLAIMER OF LIABILITY

The information in this MSDS 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 MSDS was prepared and is to be

Material Safety Data Sheet

File No.: EBO2101007-M011

Date of Issue: January 6, 2021

Page 13 of 13

used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. Accordingly, EBO Testing Center will not be responsible for damages resulting from use of or reliance upon this information.

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