

Safety Data Sheet

**According to Regulation (EC) No 1907/2006, Annex II, Amended by COMMISSION
REGULATION (EU) 2020/878, According to REGULATION (EC) No 1272/2008**

Version 1.0

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

1.1 Product identifier:

Identification on the label/Trade name:	Coco Glucoside
Other names:	APG 0814; Alkyl Polyglucoside; C8-C14 Alkyl Glucoside
UFI:	N/A
Identification of the product:	See section 3
Index Number:	See section 3

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

1.2.1 Identified uses:

It is widely used in the fields of detergents, cosmetics, foods and medicines.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Company name	Jinan Huashihang Chemical Co., Ltd
Address:	No.36, South Gongye Road, High-Tech Zone, Jinan City, China
Email:	sales@hshindustry.com
Telephone:	+86 16666563950
Web :	www.hshindustry.com

1.4 Emergency telephone Number:

+86-18563719993 (Only available during office hours (9:00a.m.-17:30p.m.))

Section 2 Hazards Identification

2.1 Classification of the substance or mixture:

2.1.1 Classification of the mixture:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Skin Irrit. 2	H315
Eye dam.1	H318

For full text of H- phrases: see section 2.2.

2.2 Label elements:

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

H315: Causes skin irritation.

Precautionary statement(s):

H318: Causes serious eye damage.

P280: Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER/doctor/... Not applicable.

Supplemental Hazard information (EU)

2.3 Other hazards:

The mixture does not contain PBT/vPvB substance.

The mixture does not contain endocrine disruptor.

Section 3 Composition/information on ingredients

Substance/Mixture:

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
Water	N/A	7732-18-5	231-791-2	50% Max	Not classified	N/A
D-Glucopyranose, oligomers, decyl octyl glycosides	N/A	68515-73-1	500-220-1	20-30%	H318;	N/A
D-Glucopyranose, Oligomeric, C10-16 Alkyl Glycosides	N/A	110615-47-9	600-975-8	20-30%	H315; H318;	Eye Damage 1; > 30% Skin Irrit. 2; > 30%

Section 4 First aid measures

4.1 Description of first aid measures:

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

4.1.1 In case of inhalation:

Not relevant.

4.1.2 In case of skin contact:

Rinse with running water.

4.1.3 In case of eyes contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical advice from a specialist.

4.1.4 In case of ingestion:

Rinse the mouth. Drink 1-2 glasses of water, get medical aid.

4.2 Most important symptoms and effects, both acute and delayed:

Causes serious eye damage.

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

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Foam, extinguishing powder, carbon dioxide, water spray jet, high pressure waterjet

Unsuitable extinguishing media:

Not available.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Wear chemical resistant oversuit. Cool containers / tanks with water spray.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Avoid contact with skin and eyes.

6.1.2 For emergency responders:

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing. Do not empty into drains / surface water / ground water.

6.2 Environmental Precautions:

6.3 Methods and material for Containment and Cleaning up:

Remove with liquid-absorbing material (sand, peat, sawdust).

6.4 Reference to other sections:

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:

7.1.1 Protective measures:

Avoid open flames.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

7.3 Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Not available.

8.1.2 Additional exposure limits under the conditions of use:

Not available.

8.1.3 DNEL/DMEL and PNEC-Values:

Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection:

Protective goggles.

Skin protection

Hand protection:	Heavy rubber gloves.
Body protection:	Wear suitable protective clothing to prevent skin exposure.
Respiratory protection:	Wear suitable respiratory equipment.
Thermal hazards:	Wear suitable protective clothing to prevent heat.
8.2.3 Environmental exposure controls:	Avoid discharge into the environment. According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Viscous liquid
Colour:	Pale yellow
Odour:	Not available
Odour threshold:	Not available
pH:	11.5-12.5
Melting point/range (°C):	> 300 °C (CAS#68515-73-1)
Boiling point/range (°C):	> 300 °C (CAS#68515-73-1)
Flash point (°C):	100°C min
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower explosive limits:	Not available
Vapour pressure (20°C):	< 0.001 Pa (20 °C, CAS#68515-73-1)
Vapour density:	Not available
Relative Density:	1080 kg/m ³
Bulk density (kg/m³):	Not available
Water solubility (g/l):	Soluble in water
n-Octanol/Water (log Po/w):	<= -0.07 (20 °C, CAS#68515-73-1)
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s, 20°C):	2500-6000
Explosive properties:	Not available
Oxidising properties:	Not available

9.2. Other information:

Fat solubility(solvent-oil to be specified)	Not available
etc:	
Surface tension:	29.5 mN/m (Conc.:1 g/L) (23 °C, CAS#68515-73-1)
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	Strong oxidizing agents.

10.6 Hazardous decomposition products: Carbon oxides.

Section 11 Toxicological information

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

Acute toxicity:

ATE_{mix}(oral): Not available

ATE_{mix}(inhalation): Not available

ATE_{mix}(Dermal): Not available

D-Glucopyranose, oligomers, decyl octyl glycosides (CAS: 68515-73-1)

LD50(Oral, Rat): > 2000 mg/kg bw

LC50(Inhalation, Rat): Not available

LD50(Dermal, Rabbit): > 2000 mg/kg bw

D-Glucopyranose, Oligomeric, C10-16 Alkyl Glycosides (CAS: 110615-47-9)

LD50(Oral, Rat): > 5000 mg/kg bw

LC50(Inhalation, Rat): Not available

LD50(Dermal, Rabbit): > 2000 mg/kg bw

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

11.2 Information on other hazards

Endocrine disrupting properties The mixture does not contain endocrine disruptor.

Other information Not applicable

Section 12 Ecological information

12.1 Toxicity:

D-Glucopyranose, oligomers, decyl octyl glycosides (CAS: 68515-73-1)

Acute (short-term) toxicity:

LC50(96h, Fish): 100.81 mg/L

EC50(48h, Crustacea): > 100 mg/L

EC50(72h, Algae/aquatic plants): 21 mg/L

Chronic (long-term) toxicity:

NOEC(Fish): 3.2 mg/L

NOEC(Crustacea): 4 mg/L

EC50(Algae/aquatic plants): Not available

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: The mixture does not contain PBT / vPvB substance.

12.6 Endocrine disrupting properties: The mixture does not contain endocrine disruptor.

12.7 Other adverse effects: Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with all applicable local and national regulations. Use recovery/recycling where feasible, otherwise incineration is the recommended method of disposal. Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

Section 14 Transport information

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard Class(es)	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	No	No	No	No
14.6 Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
14.7 Maritime transport in bulk according to IMO instruments	Not regulated	Not regulated	Not regulated	Not regulated

Section 15 Regulatory information

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

Relevant information regarding authorization:

Not applicable.

Relevant information regarding restriction:

Not applicable.

Other EU regulations:

Employment restrictions concerning young person must be observed.
For use only by technically qualified individuals.

Other National regulations:

Not applicable

15.2 Chemical safety assessment

YES

☐

NO

☒

Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2020/878

16.2 Abbreviations and acronyms:

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

RID: Regulation for rail International transportation of Dangerous goods

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

IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

UFI: Unique Formula Identifier

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50% of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: derived no-effect level

PNEC: predicted no-effect concentration

16.3 Key literature references and sources for data

ECHA Registered substances data

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC)

1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008		Classification procedure
Skin Irrit. 2	H315	On basis of test data
Eye dam. 1	H318	On basis of test data

16.5 Relevant H-statements (number and full text):

H315: Causes skin irritation.

H318: Causes serious eye damage.

16.6 Training instructions:

Not applicable.

16.7 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.8 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.