

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

1 Identification

- **Product identifier:**

- **Trade name:**

Clearalif laundry detergent sheets

- **Other means of identification:**

SKU: CL-LDS-Linen

ASIN: B09B35YB5C

- **Recommended use of the chemical and restrictions on use**

- **Application of the substance/ mixture:**

Consumer uses, cleaning.

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

guangzhougewuchaunmeiyouxiangongsi.

guangzhoudadaonan788hao, zibian2dongzhi501-508fang, GuangZhouShi, GuangDongSheng

Post code: 510000

Tel: +13760872001

Email: Clearalif@outlook.com

National contact: Xitao Lu

- **Other US contact point:**

No information available.

- **Further information obtainable from:**

guangzhougewuchaunmeiyouxiangongsi.

- **Emergency telephone number**

US Poison Center

Tel: +1 800 222 1222 (24 hours available)

2 Hazard(s) identification

- **Classification of the substance or mixture:**

Hazard class	Hazard category
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

- **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

- **Label elements**

- **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

- **Hazard pictograms:**



- **Signal word:**

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

Danger**· Hazard-determining components of labelling:***Poly (lauryl glucoside)-7**Cocamide DEA***· Hazard statements:***Causes skin irritation**Causes serious eye damage***· Precautionary statement:***If medical advice is needed, have product container or label at hand.**Keep out of reach of children.**Read label before use.**Wash hands and face thoroughly after handling.**Wear protective gloves/eye protection/face protection.**If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.**If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**Immediately call a POISON CENTER/doctor.**Specific treatments see the first aid measures on this label.**Take off contaminated clothing and wash it before reuse.***· Hazards not otherwise classified (HNOC):***No known otherwise classified hazards.***3 Composition/information on ingredients****· Chemical characterization:***Mixture***· Description:***Clearalif laundry detergent sheets.***· Components:**

CAS No.	Composition Name	w/w, %
110615-47-9	<i>Poly (lauryl glucoside)-7</i>	10-25
1332-58-7	<i>Kaolin</i>	5-15
9004-82-4	<i>Sodium laureth sulfate</i>	5-15
7732-18-5	<i>Water</i>	3-15
9002-89-5	<i>Polyvinyl alcohol</i>	5-10
68603-42-9	<i>Cocamide DEA</i>	5-10
85586-07-8	<i>Sulfuric acid, mono-C12-14-alkyl esters, sodium salts</i>	1-5
51981-21-6	<i>L-glutamic acid N, N-diacetic acid, tetrasodium salt</i>	1-5
56-81-5	<i>Glycerin</i>	1-5
68-04-2	<i>Sodium citrate</i>	1-5
8047-15-2	<i>Saponins</i>	1-2
74499-23-3	<i>Saponins, Quillaja saponaria</i>	0.1-1
77-92-9	<i>Citric acid</i>	0.1-1

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

4 First aid measures

- **Description of first aid measures**

After inhalation:

Supply with fresh air.

Call a POISON CENTER/doctor/if you feel unwell.

After skin contact:

Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

- **Information for doctor**

- **Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are as indicated in sections 2 and 11.

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

Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures

- **Suitable extinguishing agents:**

Use CO₂, powder, water spray or alcohol resistant foam to extinguish.

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

May produce corrosive/irritating dust in air under fire.

- **Special protective equipment and precaution for firefighters**

Protective equipment:

Wear self-contained breathing apparatus for firefighting.

6 Accidental release measures

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

Ensure adequate ventilation.

Wear protective gloves/eye protection/face protection.

Avoid breathing dust.

Avoid contact with skin and eyes

- **Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

Inform respective authorities in case of seepage into water course or sewages system.

• Methods and material for containment and cleaning up:

Use any feasible mechanical means (e.g. vacuum, sweeping) but avoid dusting during clean-up.

Ensure well ventilation.

Dispose contaminated material as waster according to item 13.

7 Handling and storage

• Handling

• Precautions for safe handling:

Read label before use.

Ensure well ventilation at workplace.

Wear protective gloves/eye protection/ face protection.

Prevent contact with skin and eyes.

• Information about fire and explosion protection:

Normal measures for preventive fire protection.

• Conditions for safe storage, including any incompatibilities

• Requirements to be met by storerooms and receptacles:

Store in a cool and well-ventilated place.

• Information about storage in one common storage facility:

Keep out of reach of children.

• Further information about storage conditions:

Store locked up.

8 Exposure controls/personal protection

• Components with limit values that require monitoring at the workplace:

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
1332-58-7	Kaolin	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) TWA	10 mg/m ³ (total), 5 mg/m ³ (resp) TWA	2 mg/m ³ (respirable particulate matter) TWA	2 mg/m ³ (respirable dust) TWA
56-81-5	Glycerin	15 mg/m ³ (total dust), 5 mg/m ³ (respirable) TWA	-	-	10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) TWA

• Additional information:

The lists that were valid during the creation were used as basis.

• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:

• Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

· Personal protective equipment:

· Breathing equipment:

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

· Protection of hands:

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

· Eye protection:



Safety glasses

Protective goggles with side-shields.

· Body Protection:

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety boots



Safety overalls

Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form	Solid
Color	White
Odor	Linen
Odor threshold	Not determined
pH-value	Not determined.
· Change in condition	
Melting point/melting range	Not determined.
Boiling point and boiling range	Not determined.
· Freezing point	Not determined.
· Flash point	Not applicable
· Flammability	Not flammable solid

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

· Decomposition temperature	Not determined.
· Self-ignition	Not determined.
· Danger of explosion	Product does not present explosive hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidizing properties	Not oxidizing agent
· Vapor pressure	Not determined.
· Density	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in/Miscibility with	
Water	Not determined
· Partition coefficient (n-octanol/water)	Not applicable
· Viscosity	
Dynamic	Not applicable
Kinematic	Not applicable
· Other information	Not determined.

10 Stability and reactivity

· **Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

· **Chemical stability:**

Stable under recommended storage conditions.

· **Possibility of hazardous reactions:**

No known hazardous reaction.

· **Conditions to avoid:**

High temperature.

· **Incompatible materials:**

Strong acids, strong oxidizing agents.

· **Hazardous decomposition products:**

No known hazardous decomposition products.

11 Toxicological information

· **Acute toxicity:**

Non-toxic chemical.

LD50/LC50 values relevant for classification:

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

9004-82-4 Sodium laureth sulfate

Rat	LD50-oral	1600mg/kg
-----	-----------	-----------

68603-42-9 Cocamide DEA

Rat	LD50-oral	12.4mL/kg
-----	-----------	-----------

85586-07-8 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Rat	LD50-oral	20790mg/kg
	LC50-inhalation	>52 mg/l (dust/mist)

Rabbit	LD50-skin	6300mg/kg
--------	-----------	-----------

Remark: All the above data are from literature.

• **Primary irritant effect**

• **Skin corrosion/irritation:**

Irritant to skin.

• **Serious eyes damage/ irritation:**

Corrosive to eyes.

• **Sensitization:**

Not sensitive to skin or respiratory.

• **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations: corrosive.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer):**

9002-89-5	Polyvinyl alcohol	3
68603-42-9	Cocamide DEA	2B

• **NTP (National Toxicology Program):**

None of the ingredients is listed.

12 Ecological information

• **Toxicity:**

LC50/EC50/NOEC values relevant for classification:

110615-47-9 Poly (lauryl glucoside)-7

Short-term toxicity to fish	LC50 (4 days) 2.95 - 5.9 mg/L
-----------------------------	-------------------------------

Long-term toxicity to fish	NOEC (28 days) 1 - 3.2 mg/L
	LC50 (28 days) 3.2 mg/L

Short-term toxicity to aquatic invertebrates	EC50 (48 h) 7 - 14 mg/L
--	-------------------------

Long-term toxicity to aquatic invertebrates	NOEC (21 days) 1 - 4 mg/L
---	---------------------------

Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 5 - 25 mg/L
---	-------------------------

85586-07-8 Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	
--	--

Short-term toxicity to fish	LC50 (4 days) 3.6 mg/L
	NOEC (4 days) 1.8 mg/L

Long-term toxicity to fish	NOEC (42 days) 1.357 mg/L
----------------------------	---------------------------

Short-term toxicity to aquatic invertebrates	EC50 (48 h) 4.7 mg/L
--	----------------------

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

	NOEC (48 h) 2.5 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 140 - 1 200 µg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 20 mg/L NOEC (72 h) 5.4 mg/L
Toxicity to microorganisms	EC50 (3 h) 135 mg/L

· Persistence and degradability:

110615-47-9	Poly (lauryl glucoside)-7	Readily biodegradable in water
85586-07-8	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Readily biodegradable according to OECD criteria: 90% after 28 days (OECD 301 D).

· Bio-accumulative potential:

110615-47-9	Poly (lauryl glucoside)-7	Log Pow = -0.07
85586-07-8	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Log Pow = -2.42

· Mobility in soil:

85586-07-8	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Log Koc = 2.5
------------	---	---------------

· Additional ecological information

· Other adverse effects:

No known other adverse effects.

13 Disposal consideration

· Waste treatment methods

· Recommendation:

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

· Un-cleaned packaging

· Recommendation:

Dispose of contents/container in according to the local regulation.

14 Transport information

· DOT-DGR	This product is not subject to DOT-DGR.
· IMO/IMDG (40-20)	This product is not subject to IMO/IMDG code.
· IATA-DGR (64th)	This product is not subject to IATA-DGR.

15 Regulatory information

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

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

· Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

110615-47-9	Poly (lauryl glucoside)-7	Listed
1332-58-7	Kaolin	Listed
9004-82-4	Sodium laureth sulfate	Listed
7732-18-5	Water	Listed
9002-89-5	Polyvinyl alcohol	Listed
68603-42-9	Cocamide DEA	Listed
51981-21-6	L-glutamic acid N, N-diacetic acid, tetrasodium salt	Listed
56-81-5	Glycerin	Listed
74499-23-3	Saponins, <i>Quillaja saponaria</i>	Listed
77-92-9	Citric acid	Listed

· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Washington, WAC 173-334-130 (CHCC):

None of the ingredients is listed.

· Chemicals of Concern, published by Maine DEP on July, 2015:

None of the ingredients is listed.

· Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:

None of the ingredients is listed.

· High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016:

None of the ingredients is listed.

· Carcinogenicity categories

· EPA (Environmental Protection Agency):

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH):

1332-58-7	Kaolin	A4
-----------	--------	----

· NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients is listed.

16 Other information

Safety Data Sheet
OSHA 29 CFR 1910.1200

Printing Date: November 3, 2023

Version No.: 1.0

Revision: November 3, 2023

Trade Name: Clearalif laundry detergent sheets

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

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.

• Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet