



Decyl Glucoside

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

1.1 Product Identifier

Product Name	Decyl Glucoside
INCI	Decyl Glucoside
Synonyms & Trade Names	
Product Code	C5622
CAS No.	68515-73-1 & 110615-47-9
EINECS No.	500-220-1 & 600-975-8

1.2 Details of the supplier of the safety data sheet

Supplier/Distributor	zielonyklub.pl
Company	Greenaction Sp. z o.o., ul. Śniadeckich 31, 25-366 Kielce, NIP: PL6571011247
Contact	tech@zielonyklub.pl

1.3 Details of the supplier of the safety data sheet

Emergency Contact	112 (emergency), 998 (fire), 999 (ambulance), 42 631 47 24 (toxicological information in Poland)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture


Regulation (EC) No. 1272/2008 (CLP)	Eye Dam. 1 H318
Directive 1999/45/EC	Xi Irritant

2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008 (CLP)

GHS Product Identifier:	DECYL GLUCOSIDE
Signal word:	Danger
Hazard pictogram(s):	
Hazard Statements:	H318: Causes serious eye damage
Precautionary Statements:	P262: Do not get in eyes, on skin, or on clothing. 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.

Classification according to Dangerous Product Regulations incl. EC Directives

Hazard classification	 Xi Irritant
Risk Phrases	R41: Risk of serious damage to eyes.
Safety Phrases	S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39: Wear eye/face protection.

2.3 Other hazards

Adverse physio-chemical properties	None
Adverse effects on human health	None



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SECTION 3: Composition/information on ingredients

3.1 Substances

N/A

3.2 Mixtures

EC Classification No. 1272/2008

Hazardous Ingredient(s)	Wt%	CAS No.	EC No.	Hazard statement(s)
Decyloctylglycoside	28 - 30,2%	68515-73-1	500-220-1	Eye Dam. 1 H318
d-glucopyranose,oligomeric, C10-16(even-numbered) alkyl glycosides	23 - 24,8%	110615-47-9	600-975-8	Skin Irrit. 2 H315 Eye Dam. 1 H318

EC Classification No. 67/548/EEC

Hazardous Ingredient(s)	Wt%	CAS No.	EC No.	Classification and Risk Phrases
Decyloctylglycoside	28 - 30,2%	68515-73-1	500-220-1	R41
d-glucopyranose,oligomeric, C10-16(even-numbered) alkyl glycosides	23 - 24,8%	110615-47-9	600-975-8	R38-R41

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	Unlikely route of exposure. Remove persons affected by vapour to fresh air. Apply artificial respiration if breathing has ceased or shows signs of failing. Administer oxygen if necessary. If symptoms develop, obtain medical attention.
Ingestion	Obtain medical attention. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting.
Skin Contact	Remove contaminated clothing and wash affected skin with plenty of water. Wash contaminated clothing before reuse. If symptoms develop, obtain medical attention.
Eye Contact	Obtain medical attention. If substance has got into the eyes, immediately wash out with plenty of water for at least 10 minutes.

4.2 Most important symptoms and effects, both acute and delayed

Irritation, Coughing. Nausea. Vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Increased difficulty in breathing.

SECTION 5: Fire fighting measures

5.1 Extinguishing Media

Extinguishing media:	As appropriate for surrounding fire.
Unsuitable extinguishing media:	None known.

5.2 Special hazards arising from the substance or mixture.

None known.

5.3 Advice for fire-fighters

Self-contained breathing apparatus to be worn if involved in fire.

SECTION 6: Accidental release measures

6.1 Personal precautions

Put on protective clothing. Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. To be disposed of as hazardous waste.

6.4 References to other sections.

Section 8 - Exposure controls/personal protection for further information on personal precautions.

Section 13 - Disposal Considerations for further information on waste treatment.



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SECTION 7: Handling and Storage

7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Avoid contact with skin and eyes. Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, well-ventilated place. Keep containers properly sealed when not in use.

7.3 Specific end use(s)

N/A

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

N/A

8.2 Exposure Controls

Eye protection	Safety spectacles/goggles. EN166.
Hand protection	Gloves : Nitrile rubber. EN374-3. Apron or other light protective clothing.
Respiratory Equipment	Provide adequate ventilation, including appropriate local extraction. No personal respiratory protective equipment normally required.
Other Protection	Guarantee that the eye flushing systems and safety showers are located close to the working place. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.
Hygiene Measures	None
Environmental Exposure Controls	Do not allow to enter drains, sewers or watercourses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour	Pale yellow
Odour	Almost odourless
Odour Threshold (ppm)	Not available
pH (Value)	11.5 -12.5
Melting/Freezing Point (°C)	< 0 degC
Boiling point/boiling range (°C)	> 100 degC
Flash Point (°C) [Closed cup]	Not applicable
Partition Coefficient (n-Octanol/water)	1,72 (40 °C)
Solubility (Water)	Miscible
Solubility (Other)	Not Soluble in most organic solvents
Evaporation rate (Butyl acetate = 1)	<< 1
Vapour Density (Air=1)	Not applicable
Auto Ignition Temperature (°C)	Not applicable
Decomposition Temperature (°C)	> 200 degC
Viscosity (mPa.s)	1.000 – 6.000
Oxidising properties	Not oxidising
Explosive properties	Not explosive
Density (g/ml)	Not available

9.2 Other information

N/A



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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under the recommended handling and storage conditions. Reacts with - Strong oxidising and reducing agents.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No

10.4 Conditions to avoid

The product may decompose if heated to temperatures above (40°C).

10.5 Incompatible materials

Strong oxidising and reducing agents.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects.

Acute toxicity:

Decyloctylglycoside	CAS 68515-73-1	ingestion	LD50 >2.000 mg/kg (rat)
Decyloctylglycoside	CAS 68515-73-1	skin	LD50 >2.000 mg/kg (rabbit)
d-glucopyranose,oligomeric, C10-16(even-numbered) alkyl glycosides	CAS 110615-47-9	ingestion	LD50 >5.000 mg/kg (rat)
d-glucopyranose,oligomeric, C10-16(even-numbered) alkyl glycosides	CAS 110615-47-9	skin	LD50 >2.000 mg/kg (rabbit)

Skin corrosion / irritation:	Non-irritant.
Serious eye damage/irritation:	Severe irritant to the eye
Respiratory or skin sensitisation:	It is not a skin sensitiser in animal tests
Germ cell mutagenicity:	There is no evidence of mutagenic potential
Carcinogenicity:	No evidence of carcinogenicity
Reproductive toxicity:	No evidence of reproductive toxicity
STOT-single exposure:	Inhalation : Irritating to respiratory system. Ingestion : Will cause irritation of the gastrointestinal tract.
STOT-repeated exposure:	N/A

SECTION 12: Ecological information

12.1 Toxicity

No data for the mixture.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulation potential

The product has no potential for bioaccumulation.

12.4 Mobility in soil

This product is predicted to degrade in soil.

12.5 Results of PBT and VPVB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None



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SECTION 13: Disposal considerations

13.1 Waste Treatment Methods

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

SECTION 14: Transport information

Warning Icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks.
Proper Shipping Name	None
UN No. Road	None
ADR Class	None
Hazard No (ADR)	None
Hazchem Code	None
UN No. SEA	None
IMDG Class	None
IMDG Pack Gr.	None
EMS	None
UN No. AIR	None
Air Class	None
Air Pack Gr.	None

SECTION 15: Regulatory information

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

EU Directives Authorisations and/or restrictions on use	EC Standards 82/242 and 82/243/EEC (Detergents) : This product is > 90% biodegradable in water.
National regulations	None assigned

15.2 Chemical safety assessment

Not determined

SECTION 16: Other information

Allergens	None
Training instructions: Refer to possible hazard before use of this product.	
Abbreviations and acronyms:	
MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
Risk Phrases in full:	N/A
Safety Phrases in full:	N/A
Complies with REACH guidance for SDS as circulated by ECHA 2011.	



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SECTION 16: Other information

Disclaimer:

All the information in this leaflet is to the best of our knowledge. However, neither can we guarantee the accuracy of any of the information or data contained within. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. We assume no responsibility for any loss, damage or expense, direct or consequential arising out of the use of this product.

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