



# La Despensa del Jabón

Materias primas para jabón y cosmética artesanal

## FICHA DE SEGURIDAD/SAFETY DATA SHEET


ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

### DECYL GLUCOSIDE

#### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product identifier</b>	<b>DECYL GLUCOSIDE</b>
GHS Product Identifier	<i>Decyloctyl and C10-C16 even-numbered glycosides</i>
Chemical Name	Mixture of Caprylyl/Capryl and Lauryl Glycoside
Other	68515-73-1 and 110615-47-9
CAS No.	500-220-1 and 600-975-8
EINECS No.	
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Surfactant
Uses advised against	None known.
<b>1.3 Details of the supplier of the safety data sheet</b>	
Company Identification	La Despensa del Jabón San Ignacio Auzunea Etxetaldea, 1 048200 Durango. España. Tel: 944 657 841/ Fax: 941 899 765 www.ladispensadeljabon.com tienda@ladispensadeljabon.com <b>Teléfono de emergencia:</b> <b>Instituto Nacional de Toxicología.</b> <b>Madrid. Tel: 91 562 04 20</b>

#### 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	Eye Dam. 1 H318
<b>2.1.2 Directive 1999/45/EC</b>	Xi Irritant.
<b>2.2 Label elements</b>	According to Regulation (EC) No. 1272/2008 (CLP)
<b>2.2.1 Label elements</b>	
GHS Product Identifier	DECYL GLUCOSIDE
Hazard pictogram(s)	
Signal word(s)	Danger
Hazard statement(s)	H318: Causes serious eye damage.

Precautionary statement(s)

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.

**2.2.2 Label elements**

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**

Not applicable

**2.4 Additional Information**

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

EC Classification No. 1272/2008

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	Hazard statement(s)
Decyloctylglycoside	25 - 55%	68515-73-1	500-220-1	Eye Dam. 1 H318
d-glucopyranose, oligomeric, C10-16(even-numbered) alkyl glycosides	15 - 30%	110615-47-9	600-975-8	Skin Irrit. 2 H315 Eye Dam. 1 H318

EC Classification No. 67/548/EEC

Hazardous Ingredient(s)	%W/W	CAS No.	EC No.	Classification and Risk Phrases
Decyloctylglycoside	25 - 55%	68515-73-1	500-220-1	R41
d-glucopyranose, oligomeric, C10-16(even-numbered) alkyl glycosides	15 - 30%	110615-47-9	600-975-8	R38-R41

**3.3 Additional Information**

For full text of R/H/P phrases see section 16.

#### 4. 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.

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.

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.

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

Irritation, Coughing. Nausea. Vomiting.

##### 4.3 Indication of the immediate medical attention and special treatment needed

Increased difficulty in breathing.

#### 5. SECTION 5: FIRE-FIGHTING MEASURES

##### 5.1 Extinguishing media

Suitable Extinguishing Media  
 Unsuitable Extinguishing Media

As appropriate for surrounding fire.

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.

#### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures

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

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

To be disposed of as hazardous waste.

##### 6.4 Reference to other sections

See Section: 8 (EXPOSURE CONTROLS/PERSONAL PROTECTION) & 13 (DISPOSAL CONSIDERATIONS)

#### 7. 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

Storage Temperature  
 Storage Life  
 Incompatible materials  
 Other information

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

< 40 degC.

1 Year(s)..

Strong oxidising and reducing agents.

Keep away from direct sunlight.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

**WEL: Workplace Exposure Limit (UK HSE EH40)**

LTEL (8 hr TWA mg/m<sup>3</sup>)

Not applicable.

LTEL (8 hr TWA mg/m<sup>3</sup>)

Not applicable.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.

#### 8.2.2 Personal protection equipment

Eye/face protection



Safety spectacles/goggles. EN166.

Skin protection (Hand protection/ Other)



Gloves : Nitrile rubber. EN374-3.

Apron or other light protective clothing.

Respiratory protection



Provide adequate ventilation, including appropriate local extraction. No personal respiratory protective equipment normally required.

Other

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.

#### 8.2.3 Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties (Mixture)

Appearance

Viscous liquid

Colour

Pale yellow

Odour

Almost odourless

Odour Threshold (ppm)

Not available.

pH (Value)(20% solution - water/isopropanol 15%)

11 -12.5

Melting Point (°C) / Freezing Point (°C)

< 0 degC

Boiling point/boiling range (°C):

> 100 degC

Flash Point (°C) [Closed cup]

Not applicable

Evaporation rate (Butyl acetate = 1)

<< 1

Explosive limit ranges

Not applicable.

Vapour Pressure (mmHg)

< 1 mmHg at 20 degC

Vapour Density (Air=1)

Not applicable.

Density (g/ml)

1.1 (approx) at 20 degC

Solubility (Water)

Miscible

Solubility (Other)

Not Soluble in most organic solvents.

Partition Coefficient (n-Octanol/water)

< -0.07 (calculated)

Auto Ignition Temperature (°C)

Not applicable

Decomposition Temperature (°C)

> 200 degC

Viscosity (mPa.s)

> 1 000

	Explosive properties	Not explosive.
	Oxidising properties	Not oxidising
<b>9.2</b>	<b>Other information</b>	

## 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	Reacts with - Strong oxidising and reducing agents
<b>10.2</b>	<b>Chemical stability</b>	Stable under normal conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	None known.
<b>10.4</b>	<b>Conditions to avoid</b>	The product may decompose if heated to temperatures above (40°C):
<b>10.5</b>	<b>Incompatible materials</b>	Strong oxidising and reducing agents.
<b>10.6</b>	<b>Hazardous Decomposition Product(s)</b>	None known

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b>Information on toxicological effects</b>	
<b>11.1.1</b>	<b>Substances</b>	
	<b>Acute toxicity</b>	
	Ingestion	LD50 > 5 000 mg/kg (rat)
	Inhalation (4 hrs)	Not applicable (Test not scientifically justified)
	Skin Contact	LD50 > 2 000 mg/kg
	<b>Skin corrosion/irritation</b>	Non-irritant. (calculated)
	<b>Serious eye damage/irritation</b>	Severe irritant to the eye.
	<b>Respiratory or skin sensitization</b>	It is not a skin sensitiser in animal tests.
	<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
	<b>Carcinogenicity</b>	No evidence of carcinogenicity.
	<b>Reproductive toxicity</b>	No evidence of reproductive toxicity.
	<b>STOT-single exposure</b>	<b>Inhalation</b> : Irritating to respiratory system. <b>Ingestion</b> : Will cause irritation of the gastrointestinal tract.
	<b>STOT-repeated exposure (91 Days.)</b>	No data
<b>11.2</b>	<b>Other information</b>	

## 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1</b>	<b>Toxicity</b>	
	(Fish) (96hrs)	LC50 >10 mg/ l (calculated)
	(Daphnia magna) (48hrs)	EC50 > 20 mg/l (calculated)
	(Algae) (72hrs)	EC50 > 10 mg/l (CAS: 110615-47-9)
<b>12.2</b>	<b>Persistence and degradability</b>	Readily biodegradable.
<b>12.3</b>	<b>Bioaccumulative potential (96 hrs)</b>	The product has no potential for bioaccumulation.
<b>12.4</b>	<b>Mobility in soil</b>	This product is predicted to degrade in soil.
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6</b>	<b>Other adverse effects</b>	

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b>Waste treatment methods</b>	To be disposed of as hazardous waste. Normal disposal is via incineration operated by an accredited disposal contractor. Consult an accredited waste disposal contractor or the local authority for advice.
<b>13.2</b>	<b>Additional Information</b>	

## 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 Land transport (ADR/RID)</b> UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
<b>14.2 Sea transport (IMDG)</b> UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
<b>14.3 Air transport (ICAO/IATA)</b> UN number	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>15.1.1 EU regulations</b> Authorisations and/or restrictions on use	EC Standards 82/242 and 82/243/EEC (Detergents) : This product is > 90% biodegradable in water.
<b>15.1.2 National regulations</b>	None assigned
<b>15.2 Chemical Safety Assessment</b>	Not determined.

## 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Sections #1 - #16. (Format)

### References:

European Chemicals Agency  
European Chemicals Bureau  
European Regulations and Directives  
Published chemical directories  
Suppliers' safety data sheets  
UK Health and Safety Executive  
US Environmental Protection Agency

### Risk Phrases

R38: Irritating to skin.  
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.

### Hazard statement(s)

H315: Causes skin irritation.  
H318: Causes serious eye damage.

### Precautionary statement(s)

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.

#### Additional Information

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