# 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

### 1.1 Product identifier

- **GHS Product Identifier**
- **Chemical Name**
- **Other**
- **CAS No.**
- **EINECS No.**

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

- **Identified use(s):** Surfactant
- **Uses advised against:** None known.

### 1.3 Details of the supplier of the safety data sheet

- **Company Identification**
  - La Despensa del Jabón
  - San Ignacio Auzunea Etxetaldea, 1
  - 048200 Durango. España.
  - Tel: 944 657 841/ Fax: 941 899 765
  - www.ladespensadeljabon.com
  - tienda@lodespensadeljabon.com
  - Teléfono de emergencia:
    - Instituto Nacional de Toxicología.
    - Madrid. Tel: 91 562 04 20

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 Regulation (EC) No. 1272/2008 (CLP)

- **Eye Dam. 1** H318

#### 2.1.2 Directive 1999/45/EC

- **Xi** Irritant.

### 2.2 Label elements

- According to Regulation (EC) No. 1272/2008 (CLP)

### 2.2.1 Label elements

- **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

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

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

EC Classification No. 67/548/EEC

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Classification and Risk Phrases</th>
</tr>
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<tbody>
<tr>
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<td>600-975-8</td>
<td>R38-R41</td>
</tr>
</tbody>
</table>

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

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
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.

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

- **Storage Temperature**
  < 40 degC.

- **Storage Life**
  1 Year(s).

- **Incompatible materials**
  Strong oxidising and reducing agents.

- **Other information**
  Keep away from direct sunlight.

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8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Limit</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTEL (8 hr TWA mg/m³)</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>LTEL (8 hr TWA mg/m³)</td>
<td>Not applicable.</td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Pale yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Almost odourless</td>
</tr>
<tr>
<td>Odour Threshold (ppm)</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH (Value)(20% solution - water/isopropanol 15%)</td>
<td>11-12.5</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>&lt; 0 degC</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>&gt; 100 degC</td>
</tr>
<tr>
<td>Flash Point (°C) [Closed cup]</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate (Butyl acetate = 1)</td>
<td>&lt;&lt; 1</td>
</tr>
<tr>
<td>Explosive limit ranges</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour Pressure (mmHg)</td>
<td>&lt; 1 mmHg at 20 degC</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>1.1 (approx) at 20 degC</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Miscible</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not Soluble in most organic solvents.</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>&lt; -0.07 (calculated)</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>&gt; 200 degC</td>
</tr>
<tr>
<td>Viscosity (mPa.s)</td>
<td>&gt; 1 000</td>
</tr>
</tbody>
</table>
Explosive properties
Not explosive.

Oxidising properties
Not oxidising

9.2 Other information

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Reacts with - Strong oxidising and reducing agents

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
None known.

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 Product(s)
None known

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances

Acute toxicity
Ingestion
LD50 > 5 000 mg/kg (rat)

Inhalation (4 hrs)
Not applicable (Test not scientifically justified)

Skin Contact
LD50 > 2 000 mg/kg

Skin corrosion/irritation
Non-irritant. (calculated)

Serious eye damage/irritation
Severe irritant to the eye.

Respiratory or skin sensitization
It is not a skin sensitizer in animal tests.

Mutagenicity
There is no evidence of mutagenic potential.

Carcinogenicity
No evidence of carcinogenicity.

Reproductive toxicity
No evidence of reproductive toxicity.

Mutagenicity
There is no evidence of mutagenic potential.

Reactive oxidant 
Inhalation : Irritating to respiratory system.

Ingestion : Will cause irritation of the gastrointestinal tract.

STOT - single exposure
Inhalation
Irritating to respiratory system.

Ingestion: Will cause irritation of the gastrointestinal tract.

STOT-repeated exposure (91 Days.)
No data

11.2 Other information

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

(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)

12.2 Persistence and degradability
Readily biodegradable.

12.3 Bioaccumulative potential (96 hrs)
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

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
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.

13.2 Additional Information

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14. SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)
UN number Not classified according to the United Nations ‘Recommendations on the Transport of Dangerous Goods’.

14.2 Sea transport (IMDG)
UN number Not classified according to the United Nations ‘Recommendations on the Transport of Dangerous Goods’.

14.3 Air transport (ICAO/IATA)
UN number Not classified according to the United Nations ‘Recommendations on the Transport of Dangerous Goods’.

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1 EU regulations
Authorisations and/or restrictions on use EC Standards 82/242 and 82/243/EEC (Detergents):
This product is > 90% biodegradable in water.

15.1.2 National regulations
None assigned

15.2 Chemical Safety Assessment
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.
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