

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

1.1 Product identifier

"Loyal Dishwashing Liquid", All Variants.
Red Fruits; Mint & Lemon; Louts & Cucumber.

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

Manual Dishwashing Detergents

1.3 Details of the supplier of the safety data sheet

Layan for Chemicals Est.

Beside Toyota Company, Abdul Mahdi Shamaileh Street, Building; 42, Marka Area, Amman, Jordan

Tel: 00962 6 4891919 Fax: 00962 6 4891918

E-mail: R.D@layan.jo Website: www.layan.jo

1.4 Emergency telephone number

+962 64891919 only available during following office hours: 08:00-16:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008

Eye irritation, Category 2

2.2 Label elements

Hazard Pictogram:



Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation

Precautionary statements:

General:

P102 - keep out of the reach of children

Prevention:

P264 - Wash skin thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/ attention .

Other hazards: No additional information available.

SECTION 3: Composition/information on ingredients**Substances/ Mixture: Mixture**

Hazardous substances	CAS No.	EC No.	w/w%	Classification According to Regulation (EC) No 1272/2008 (CLP).
Sodium Dodecylbenzenesulfonate	25155-30-0	246-680-4	< 10 %	H302 – Acute Tox.4 H315 – Skin Irrit.2 H318 – Eye Dam.1
Sodium Laureth Sulphate	68891-38-3	500-234-8	< 5 %	H412 - Aquatic Chronic.3 H318 - Eye Dam.1 H315 – Skin Irrit.2 H402 - Aquatic Acute.3
Cocamidopropyl Betaine	61789-40-0	263-058-8	< 5.0 %	H412 – Aquatic Chronic.3 H319 – Eye Irrit.2 H315 – Skin Irrit.2 H317 – Skin sens.1
Coco-Glucoside	1613372-14-7	-	<5.0%	H315 – Skin Irrit.2 H318 – Eye Dam.1
Enzyme (Blend)	N/A	N/A	< 1.0 %	H316 - Skin Irrit.3 H319 – Eye Irrit.2 H334 – Respiratory sensitization.1 H402 – Aquatic Acute.3
perfume	N/A	N/A	< 1.0 %	H315 – Skin Irrit.2 H317 – Skin.Sens.1 H319 – Eye Irrit.2 H411- Aquatic Chronic.2

For full text of the hazard statements, see section 16 “other information”.

SECTION 4: First aid measures**4.1 Description of first aid measures**

Inhalation: Not expected during normal use. If difficulty with breathing occurs, move effected person into fresh air and seek medical advice.

Ingestion: DO NOT INDUCE VOMITING! Drink 1-2 glasses of water. Get medical attention if any discomfort continues.

Skin contact: If irritation is experienced, wash exposed area thoroughly with water. If irritation persists, get medical assistance.

Eye contact: Flush eyes with large amounts of water for at least 10 minutes, holding eyelids open. Consult a physician if irritation persists.

4.2 .Most important symptoms and effects, both acute and 11 delayed

General information: The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

Inhalation: No specific symptoms noted.

Ingestion: No specific symptoms noted. But - May cause discomfort if swallowed.

Skin contact: No specific symptoms noted. But protection for the skin is advisable to prevent removal of natural oils from skin

Eye contact: May cause eye irritation, avoid contact with eyes

4.3 .Indication of any immediate medical attention and special treatment required

- No specific recommendation given.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

extinguishing media: Water, foam, dry agent (carbon dioxide, dry chemical powder)

5.2. Special hazards arising from the substance or mixture Special hazards:

Specific hazards: No specific firefighting precautions applicable when small quantities are involved in the fire

Hazardous combustion products: smoke, fume, oxide of carbon.

5.3 Advice for firefighter:

Special protective actions for fire-fighters: Collect spillage and fire-fighting water. Do not allow it to enter ground water or surface water.

Protective equipment for fire-fighters: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Put on appropriate personal protective equipment.

6.2 Environmental precautions

Do not discharge into drains or water sources or onto the ground.

6.3 Methods and material for containment and cleaning up

Method for containment: Absorb or cover with dry sand or earth and place into containers.

Method cleaning up: Wash thoroughly after dealing with a spillage. Collect and seal in properly labelled containers or drums for disposal

For waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Usage precautions: Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use.

7.2. Conditions for safe storage including any incompatibilities

Store in tightly closed, original container. Store upright in a cool, safe place away from direct sunlight. Do not store in unlabeled containers.

7.3 Specific end use(s) Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

No exposure limits noted for the mixture.

8.2 Exposure controls

Engineering measures: Not relevant.

Respiratory equipment: Respiratory protection not required. Emergency responders should wear self-contained breathing apparatus.

Hand protection: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin. Emergency responders should wear impermeable gloves.

Eye protection: Not required under normal use conditions. Emergency responders should wear full eye and face protection.

Skin and body protection: No special requirements under normal use conditions.

Other Protection: None required

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties:**

- Appearance: Viscous Clear liquid
- Color: Red, Green and Blue.
- Odor: Characteristic.
- Solubility: Soluble in water
- pH-Value: Conc. Solution 6-9
- Melting point: *Not Applicable*
- Boiling Point: *No Data Available*
- Flash Point: *No Data Available*
- Evaporation rate: *No Data Available*
- Flammability (solid, gas): Not Applicable
- Flammable Limits (LEL): *Not Applicable*
- Flammable Limits (UEL): *Not Applicable*
- Vapor Pressure: *No Data Available*

- Vapor Density: *No Data Available*
- Solubility- non-water: *No Data Available*
- Partition coefficient: n-octanol/ water: *No Data Available*
- Autoignition temperature: *No Data Available*
- Decomposition temperature: *No Data Available*
- Viscosity: *No Data Available*
- Explosive properties: *No Data Available*
- Oxidizing properties: *No Data Available*

Other information

None.

SECTION 10: Stability and reactivity

10.1 Reactivity

No known reactivity hazards associated with this product.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time

10.5 Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6 Hazardous decomposition products

Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1 Information on Toxicological effects

Acute toxicity – oral: Not classified based on available information.

Acute toxicity – dermal: Not classified based on available information.

Acute toxicity – inhalation: Not classified based on available information.

Skin corrosion/irritation: Not classified based on available information.

Serious eye damage/irritation: Causes eye irritation.

Respiratory sensitization: Not classified based on available information.

Skin sensitization: Not classified based on available information

Germ cell mutagenicity: Not classified based on available information.

Carcinogenicity: Not classified based on available information.

Reproductive toxicity: Not classified based on available information.

STOT - single exposure: Not classified based on available information.

STOT - repeated exposure: Not classified based on available information.

Aspiration toxicity: Not classified based on available information.
Potential immediate effects: Not available.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following: pain or irritation, watering, redness.

Inhalation: No specific data.

Skin contact: Contact with the skin during product use is not expected to result in significant irritation.

Ingestion: No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure:

Potential immediate effects: Not available.

Potential delayed effects: Not available

Long term exposure

Potential immediate effects: Not available

Potential delayed effects: Not available

SECTION 12: Ecological information

12.1. Toxicity: No data available.

12.2. Persistence and degradability: No data available.

12.3. Bio accumulative potential: No data available on bioaccumulation.

Partition coefficient: Not determined.

12.4. Mobility in soil: No data available.

12.5. Results of PBT and vPvB assessment: This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects: None known

SECTION 13: Disposal considerations

13.1. Waste treatment method

Disposal methods: Dispose of contents/container in accordance with national regulations.

SECTION 14: Transport Information

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

SECTION 15: Regulatory information

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

EU legislation

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (as amended).

- Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Guidelines commission regulation (EU) No 655/2013 laying down common criteria for the justification of claims used in relation to cosmetic products

National regulations: No additional information available.

15.2 Chemical Safety Assessment

Chemical Safety Assessment has been carried out by LAYAN Co. team.

SECTION 16: Other information

The Hazard Statements listed below in Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself.

Full text of the hazard statement mentioned

H302: Harmful if swallowed.

H318: Causes serious eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May causes an allergic skin reaction.

H316: Causes mild skin irritation

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H402: Harmful to aquatic life

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

References: Not available.