

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

"Loyal Liquid Detergent" All variant;  
Blue Petals and Purple Passion.

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

Liquid Laundry

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

Layan for Chemicals Est.

Beside Toyota Company, Abdul Hameed Shamaily Street, Building; 42, Marka Area, Amman,  
Jordan

Tel: 00962 6 4891919 Fax: 00962 6 4891918

E-mail: info@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	68411-30-3	270-115-0	< 15%	H302 – Acute Tox.4 H315 – Skin Irrit.2 H412 – Aquatic Chronic.3 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
Fatty Alcohol Ethoxylated	9002-92-0	500-002-6	< 5%	H318- Eye Dam. Cat.1 H401- Aquatic Acute 1 H412- Aquatic Chronic.3 H302- Acute Tox.4
Polyacrylic Acid, Sodium Salt	9003-04-7	618-349-8	< 5%	H315 – Skin Irrit.2 H319 – Eye Irrit.2
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 H411 – Aquatic Chronic.2 H317 – Skin sens.1 H319 – Eye Irrit.2 H360F - Reproductive toxicity, 1B

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 a few glasses of water or milk. 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 15minutes, holding eyelids open. Consult a physician if irritation persists.

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

**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 watercourses 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: Blue and purple.
- Odor: characteristic.
- Solubility: Soluble in water
- pH-Value: Conc. Solution 7-9
- 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 serious 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:** Harmful to aquatic life with long lasting effects.

**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)

**National regulations:** No additional information available.

### **15.2 Chemical Safety Assessment**

Chemical Safety Assessment has been carried out.

## **SECTION 16: Other information**

**The Hazard Statements listed below in this 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.

H412: Harmful to aquatic life with long lasting effects

H318: Causes serious eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation

H411: Toxic to aquatic life with long lasting effects

H317: May cause 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

H401: Toxic to aquatic life.

H360F: May damage fertility.

**References:** Not available.