

<b>ROYAL CHEMICALS COMPANY</b>	<b>QC Department</b>	<b>Material Safety Data Sheet</b>
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## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- Product identification

Synonyms/Trade Names: **Soya Fatty Acid**

- Product uses

The most common uses for this product include being used for the production of soaps, emulsifiers, lubricants, carriers, and soap surfactants.

- Company/undertaking identification

Office Address: Royal Chemicals Company  
3 Mahmoud Sedki St.  
B.O.Box : 538  
Port Said,  
Egypt.  
Tel.: +20(66) 3241540  
Fax.: +20(66) 3241530

Factory: Royal Chemicals Company  
Port Said Industrial Area  
Port Said,  
Egypt.

Telephone Number: +20(66)3770075-76-77

Originator Amr Diab	Q.C. Manager M.ELSHAMY	Dep. Leader Mohammed Elkhodery	QA Plant Leader Marawan Salman
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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Preparation (mixture):** Substance

Name	CAS No.	Wt/Wt %	EC No.	EC Symbols	EC R-phrases
Fatty Acids, C16-18 and C18 unsaturated	68308-53-2	100	2669327	Not applicable	Not applicable

PRE-REGISTRATION NO: 05-2115725727-39-0000  
Occupational exposure limits, if applicable, are listed in Section 8.  
LC/LD50 information is listed in Section 11.  
Full text of R phrase(s) are listed in Section 16.

## 3. HAZARDS IDENTIFICATION

• **European Hazard Classification:**

This product is not classified as dangerous according to  
Emergency Overview: Non- Hazardous

• **Potential Health Effects:**

**Eye:** Accidental exposure to the eyes will cause only a mild but transient irritation.

**Skin:** Mild, primary skin irritation with prolonged or repeated contact. Heated product may cause thermal burns if contacted.

**Inhalation:** Not applicable at ambient temperature.

**Ingestion:** May cause irritation of gastrointestinal tract. If product is heated, vaporization can occur. Eye, skin, and upper respiratory irritation may occur.

**Physical/Chemical Hazards:** None identified.

• **Environmental Hazards:** None identified.

## 4. HANDLING AND STORAGE

• **Handling:** Handle in accordance with good hygiene and safety procedures. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Since empty containers contain product residue and can be dangerous, follow all hazard warnings and precautions even after container is emptied. Keep away from sources of ignition

• **Storage:** Keep away from possible contact with incompatible substances. Should be stored in resin-lined steel, aluminum, stainless steel, or reinforced fiberglass vessels. Do not store near possible sources of ignition.

• **Specific use(s):** Follow bulk handling and storage procedures as noted above. Refer to Section 6 for clean-up of spillages. Refer to Section 13 for disposal considerations.

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## 5. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity / Rats The acute oral LD50 for male albino rats was greater than 24 g/kg of body weight.

Skin Safety The application of undiluted fatty acid produced mild irritation to rabbit's skin after a 24-hr. exposure. The primary irritation index was 1.6 out of a possible score of 8.

Eye Safety The administration of undiluted test material to the eyes of rabbits produced mild, transient eye irritation. No corneal or iris involvement was observed.

## 6. ECOLOGICAL INFORMATION

	<b>OLEIC ACID</b>	<b>LINOLEIC</b>
96 HOUR LC50, Bluegills	66.6 mg/L	No available data
96 HOUR LC50, Fathead minnows	*205 mg/L	No available data

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