

ROYAL CHEMICALS COMPANY	QC Department	Material Safety Data Sheet
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MATERIAL SAFETY DATA SHEET

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

SUBSTANCE: FATTY ACIDS

RADE NAMES/SYNONYMS: PALM STEARIN FATTY ACID, REFINED, BLEACHED, and DEODORIZED

TSCA NAME: FATTY ACIDS, PALM OIL

CHEMICAL FAMILY: Aliphatic carboxylic acids

I.D. NUMBER: 800358

• Company/undertaking identification

Egypt: Royal Chemicals Company
industrial-area
Port-said,
Egypt

Office: 3 Mohmoud Sedki St.
B.O.-Box:538-Port-Said
Egypt.
Tel. No.(+20663241540)-50-60-70

2.HAZARDOUS INGREDIENT INFORMATION

COMPONENT: FATTY ACIDS, PALM OIL CAS# 68440-15-3

Carcinogen status of components: Not listed as carcinogenic by NTP, IARC, or OSHA.

3.PHYSICAL AND CHEMICAL DATA

DESCRIPTION: A white, semi-solid material having a characteristic fatty odor. Clear, almost colorless to amber liquid above 50 °C.

MELTING POINT: 52 °C

SPECIFIC GRAVITY: 0.861 @ 20 °C

ACID VALUE: 208-212 range.

SOLUBILITY IN WATER: < 0.1 %

Reviewer -Amr Diab -islam	Dep. Leader Mohammed Elkhodery	QA Plant Leader Marwan salman
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4.HEALTH HAZARD DATA

NOTE: The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and/or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

ACUTE HEALTH EFFECTS:

INHALATION: Unlikely to occur due to the physical properties of the product. However, if vapors are generated, irritation to mucous membranes and upper respiratory tract with sore throat and coughing may occur.

SKIN CONTACT: Repeated or prolonged excessive exposure may cause irritation or dermatitis.

EYE CONTACT: May cause significant irritation with pain, burns and corneal opacity. May cause irreversible damage.

INGESTION: May cause sore throat, abdominal pain and diarrhea.

CHRONIC HEALTH EFFECTS: None known.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders.

5.REACTIVITY

REACTIVITY

- Stable under normal temperatures and pressures.

INCOMPATIBILITIES: Strong oxidizers, bases, reducing agents, metals.

DECOMPOSITION

- Thermal decomposition may release acrid smoke and irritating fumes. Hazardous decomposition products may include carbon monoxide and carbon dioxide.

POLYMERIZATION

- Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

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6.OCCUPATIONAL PROTECTIVE EQUIPMENT

VENTILATION - Provide general dilution ventilation system.

RESPIRATOR

-If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

FOR FIRE FIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

CONDITIONS

-Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positivepressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressuredemand or other positive-pressure mode.

CLOTHING

- Protective clothing is required where repeated or prolonged skin contact may occur.

GLOVES

- Chemical-resistant gloves are required where repeated or prolonged skin contact may occur.

EYE PROTECTION

- Safety glasses are required to prevent eye contact where dusty conditions are anticipated.

EMERGENCY WASH FACILITIES

- Where there is any possibility that an employee's eyes and/or skin may be exposed to this substance, the employer should provide an eye wash fountain and quick drench shower within the immediate work area for emergency use.

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