

ROYAL CHEMICALS COMPANY	QC Department	Material Safety Data Sheet
----------------------------	---------------	-------------------------------

Material Safety Data Sheet

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

ProductName:Palm fatty acid

CAS#:68440-15-3

RTECS:RJ3696300

TSCA:TSCA8(b)

inventory:Palm oil

CI#:Not available.

Chemical Name:Not available.

Chemical Formula:Not available.

• 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

Section2:Composition and Information on Ingredients

Name: Palm fatty acid

CAS#:68440-15-3

Reviewer -Amr Diab -islam	Dep. Leader Mohammed Elkhodery	QA Plant Leader Marwan salman
---------------------------------	-----------------------------------	----------------------------------

ROYAL CHEMICALS COMPANY	QC Department	Material Safety Data Sheet
----------------------------	---------------	-------------------------------

Section3:Hazards Identification

Potential Acute Health Effects:

Hazardous in case of ingestion .Slightly hazardous in case of eye contact(irritant),of inhalation.

Potential Chronic Health Effects:

Hazardous in case of ingestion.Slightly hazardous in case of inhalation.

CARCINOGENIC EFFECTS:Not available.

MUTAGENIC EFFECTS:Not available.

TERATOGENIC EFFECTS:Not available.

DEVELOPMENTAL TOXICITY:Not available.

Section4:Handling and Storage

Precautions:

Keep away from heat.Keep away from sources of ignition.Empty containerspo sea fire risk,evaporat ether esid ueunder afume hood.Ground all equipmentcontain in gmaterial.Do not breathe dust.

Storage:

Keep containe rdry.Keep in acool place.Ground all equipmen tcontain in gmaterial.Keep containe rtightly closed.Keep in acool,well ventilated place.Combustible materials should best or edaway from extreme heat and away froms trongoxidizing agents.

Section5:Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures,local exhaustventilation,or other engine eringc on trol sto keep air born elevelsbelowre commended exposure limits.If user operations

Reviewer -Amr Diab -islam	Dep. Leader Mohammed Elkhodery	QA Plant Leader Marwan salman
---------------------------------	-----------------------------------	----------------------------------

ROYAL CHEMICALS COMPANY	QC Department	Material Safety Data Sheet
------------------------------------	----------------------	---------------------------------------

generatedust,fumeormist,use ventilation to keep exposure to air borne contaminants below the exposure limit.

Personal Protection:

Safety glasses.Lab coat.

Personal Protection in Case of aLarge Spill:Splashgoggles

.Fullsuit.Boots.Gloves.Suggested protective clothing might not besufficient;consulta specialist BEF OR Ehandling this product.

Exposure Limits:Not available.

Section6:Toxicological Information

Routes of Entry:Ingestion.

Toxicity to Animals:

LD50:Notavailable.

LC50:Notavailable.

Chronic Effects on Humans:Notavailable.

Other Toxic Effects on Humans:Hazardous in case of ingestion.

Slightly hazardous in case of inhalation.Special Remarkson

Toxicity to Animals:Not available.

Special Remark son Chronic Effects on Humans:Not available.

Special Remarks on other Toxic Effects on Humans:Not available.

Section7:Ecological Information

Reviewer -Amr Diab -islam	Dep. Leader Mohammed Elkhodery	QA Plant Leader Marwan salman
---------------------------------	-----------------------------------	----------------------------------

ROYAL CHEMICALS COMPANY	QC Department	Material Safety Data Sheet
----------------------------	---------------	-------------------------------

Ecotoxicity:Not available.

BOD5 and COD:Not available.

Products of Biodegradation:Possibly hazardous short termdegradation product
sarenot likely.However,long termdegradation product smayarise.

Toxicity of the Products of Biodegradation:Theproducts of degradation are
moretoxic.

Special Remarks on the Products of Biodegradation:Not available.

Reviewer -Amr Diab -islam	Dep. Leader Mohammed Elkhodery	QA Plant Leader Marwan salman
---------------------------------	-----------------------------------	----------------------------------