

WAWASAN AGROLIPIDS SDN BHD (418204-M)

(

MATERIAL SAFETY DATA SHEET

Section 1 : IDENTIFICATION

MANUFACTURER

WAWASAN AGROLIPIDS SDN. BHD.
PLO 493 Jalan Keluli 3
Pasir Gudang Industrial Estate
81700 Pasir Gudang, Johor, Malaysia

CONTACT DETAILS

Telephone : +607-2522880
+6012-3863923 (24 hours)
Facsimile : +607-2524881

TRADE NAME

REPROGAIN

CHEMICAL COMPOSITION

Calcium salt of fatty acids

PRODUCT CLASSIFICATION

Rumen Bypass Fat

Section 2 : HAZARDOUS INGREDIENTS

Not known.

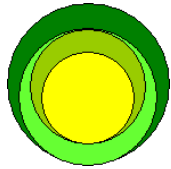
Section 3 : HAZARDOUS INFORMATION

Treat as inert and non-hazardous. No toxic or ill-effects under normal exposure conditions. Repeated and prolonged exposures is no known to aggravate any medical conditions.

INGESTION : No known reaction.

SKIN CONTACT : No known reaction. No data on sensitization.

EYE CONTACT : No known reaction.



WAWASAN AGROLIPIDS SDN BHD (418204-M)

(

Section 4 : FIRST AID MEASURES

- INGESTION : Rinse mouth with water.
- SKIN CONTACT : Dust off or flush affected area with water.
- EYE CONTACT : Check and remove any contact lenses. Flush eyes with water for 10 minutes or until area is clean.

Seek medical attention if affected area is irritated.

Section 5 : FIRE & EXPLOSION HAZARD DATA

FLASH POINT

- 400°C / 752°F

SMOKE POINT

- Not available.

EXTINGUISHING MEDIA

Dry fire fighting chemicals, foam, water, carbon dioxide

FLAMMABILITY

Maybe combustible at high temperature

HAZARDOUS COMBUSTION PRODUCTS

Soot, smoke, carbon monoxide

SPECIAL FIRE FIGHTING PROCEDURES

Strong water spray could spread burning oil.
Water mist or sprinkler is recommended.

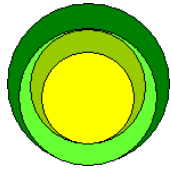
Section 6 : SPILL & LEAKS PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILLS & LEAKS

Adequate sweeping.

WASTE DISPOSAL METHODS

Observe all local, state and federal regulations. Product is easily biodegradable.



WAWASAN AGROLIPIDS SDN BHD (418204-M)

(

Section 7 : PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in the event of spillage or chemical release: Wear face mask or breathing apparatus.

Waste disposal method: Dispose of in accordance with national and local regulations for inert non-hazardous waste material.

Precautions to be taken in Handling and Storage: Keep away from heat and sources of ignition. Do not ingest. Do not breathe dust.

Section 8 : EXPOSURE CONTROL – PERSONAL PROTECTION

Occupation Exposure Limits: No data available but product is generally considered as non-toxic.

Personal Protective Equipment: Generally not required. Exceptions may consider following :

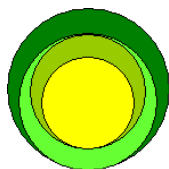
Respiratory System : Wear appropriate respirator when ventilation is inadequate

Skin and Body : Not necessary

Hands : Impervious Gloves

Eyes : Safety glasses or goggles

Other/Special : None required



WAWASAN AGROLIPIDS SDN BHD (418204-M)

(

Section 9 : PHYSICAL & CHEMICAL CHARACTERISTICS

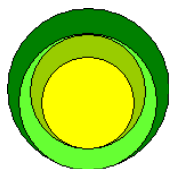
<i>BOILING POINT</i>	<i>MELTING POINT</i>
➤ 300°C	120°C
<i>VAPOR PRESSURE(mmHg)</i>	<i>SPECIFIC GRAVITY</i>
Not applicable	0.62-0.63
<i>VAPOR DENSITY</i>	<i>EVAPORATION RATE</i>
Not applicable	Not applicable
<i>SOLUBILITY IN WATER</i>	<i>APPEARANCE</i>
Insoluble in water	Brown granules of between 0.3 – 5 mm.
<i>SOLUBILITY IN SOLVENTS</i>	<i>ODOR</i>
Ether, hexane	Bland

Section 10 : REACTIVITY DATA

Product is generally inert and pH neutral. Will experience dissociation when exposed to acidic substances.

Section 11 : TOXICOLOGICAL INFORMATION

No known toxicological concerns. Product is non-toxic.



WAWASAN AGROLIPIDS SDN BHD (418204-M)

(

Section 12 : ECOLOGICAL DATA

Product is readily bio-degradable.

Section 13 : DISPOSAL CONSIDERATIONS

This material is not regarded as hazardous waste. Observe all federal, state and local environmental regulations.

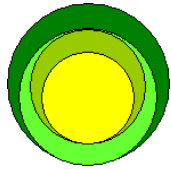
Section 14 : TRANSPORT INFORMATION

Not hazardous material according to RID/ADR, GGVS/GGVE, ANDR, IMDG, ICAO-TI/IATA-DGR.

Section 15 : REGULATORY INFORMATION

Benign material. Tendency to dust which may increase combustion possibility especially when exposed to extreme heat source.

Regulations: The Chemicals (Hazard Information and Packaging for Supply) regulations 2002. 1999/45/EC Dangerous Preparations Directive. 91/155/EC Safety Data Sheets Directive.



WAWASAN AGROLIPIDS SDN BHD (418204-M)

(

Section 16 : OTHER INFORMATION

Source of data : In house.
Issue number : 2
Issue date : 1st January 2018
Effective date : 1st January 2018