

**WAWASAN AGROLIPIDS SDN BHD** (418204-M)

## MATERIAL SAFETY DATA SHEET

### Section 1 : IDENTIFICATION

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**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**

Nutracor PS58

**CHEMICAL COMPOSITION**

Fractionated bypass fats

**PRODUCT CLASSIFICATION**

Feed fats for livestocks

### Section 2 : HAZARDOUS INGREDIENTS

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Not known.

### Section 3 : HAZARDOUS INFORMATION

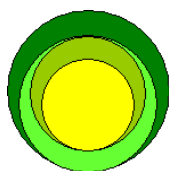
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Treat as inert and non-hazardous. No toxic or ill-effects under normal exposure conditions. Repeated and prolonged exposures is no known to aggravate any medical conditions.

INGESTION : No known reaction.

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

EYE CONTACT : No known reaction.



#### Section 4 : FIRST AID MEASURES

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- 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

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*FLASH POINT*

- 300°C / 572°F

*FLAMMABILITY*

Maybe combustible at high temperature

*SMOKE POINT*

- Not available

*HAZARDOUS COMBUSTION PRODUCTS*

Soot, smoke, carbon monoxide

*EXTINGUISHING MEDIA*

Dry fire fighting chemicals, foam, water, carbon dioxide

*SPECIAL FIRE FIGHTING PROCEDURES*

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

#### Section 6 : SPILL & LEAKS PROCEDURES

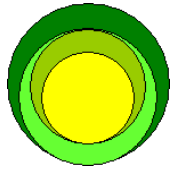
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*STEPS TO BE TAKEN IN CASE OF SPILLS & LEAKS*

Adequate sweeping.

*WASTE DISPOSAL METHODS*

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



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### **Section 7 : PRECAUTIONS FOR SAFE HANDLING AND USE**

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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**

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

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

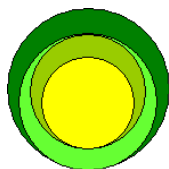
Respiratory System : Wear appropriate respirator when ventilation is inadequate

Skin and Body : Not necessary

Hands : Impervious Gloves

Eyes : Safety glasses or goggles

Other/Special : None required



### Section 9 : PHYSICAL & CHEMICAL CHARACTERISTICS

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<i>BOILING POINT</i>	<i>MELTING POINT</i>
➤ 300°C	54-60°C
<i>VAPOR PRESSURE(mmHg)</i>	<i>SPECIFIC GRAVITY</i>
Not applicable	0.58-0.59
<i>VAPOR DENSITY</i>	<i>EVAPORATION RATE</i>
Not applicable	Not applicable
<i>SOLUBILITY IN WATER</i>	<i>APPEARANCE</i>
Insoluble in water	Off white beads of about 800 micron
<i>SOLUBILITY IN SOLVENTS</i>	<i>ODOR</i>
Ether, hexane	Bland

### Section 10 : REACTIVITY DATA

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

### Section 11 : TOXICOLOGICAL INFORMATION

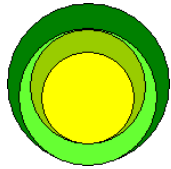
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No known toxicological concerns. Product is non-toxic.

### Section 12 : ECOLOGICAL DATA

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Product is readily bio-degradable.



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### **Section 13 : DISPOSAL CONSIDERATIONS**

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

### **Section 14 : TRANSPORT INFORMATION**

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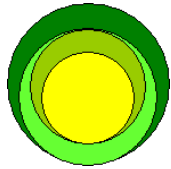
Not hazardous material according to RID/ADR, GGVS/GGVE, ANDR, IMDG, ICAO-TI/IATA-DGR.

### **Section 15 : REGULATORY INFORMATION**

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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.



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**Section 16 : OTHER INFORMATION**

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