



# PT. TAIPAN AGRO MULIA

JL. KARYA DHARMA NO. 228 ( KOMPLEK KARYA ESTATE ) DUSUN II – KEL/DESA TANJUNG MORAWA B  
KM. 18 KEC.TANJUNG MORAWA KAB.DELI SERDANG SUMATERA UTARA 20362 – INDONESIA  
Hp : +62 812-2359-9565 Email : taipanagromulia@gmail.com

## **MATERIAL SAFETY DATA SHEET**

### **Palm Kernel Expeller**

#### **Section 1 – Chemical Product and Company Identification**

MSDS Name : Palm Kernel Expeller  
Company Identification : PT. Taipan Agro Mulia  
Address : Jalan Karya Dharma No 228 ( Komplek Karya Estate ) Dusun II –  
Kel/Desa Tanjung Morawa B – Km 18 Kec. Tanjung Morawa, Kab. Deli  
Serdang Sumatera Utara 20362 –Indonesia.

#### **Section 2 : Hazardous Identification**

##### **Hazard Classification**

NON-HAZARDOUS SUBSTANCE.

NON-DANGEROUS GOODS.

Hazard Classification according to the criteria of NOHSC.

Dangerous goods classification according to the Australia Dangerous Goods Code.

#### **Section 3 : Composition/Information on ingredients**

Name	Cas	Proportion
Ingredients Determined not to be hazardous		100 %

#### **Section 4 : First aid measures**

**Inhalation** If Inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms and persist seek medical attentions.



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**First Aid Facilities** Eyewash and normal washroom Facilities.

**Advice to Doctor** Treat Symptomatically.

## **Section 5: Fire Fighting Measures**

**Suitable extinguishing media** Use appropriate fire extinguisher for surrounding environment.

**Hazards from combustion** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

**Products Specific hazards** This product has the potential to spontaneously combust if stored incorrectly.

**Precautions in Connection with fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapors or fumes. Water spray may be used to cool down heat- exposed containers

## **Section 6 : Accidental Release Measures**

**Emergency procedures** Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled plastic containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

## **Section 7 : Handling and Storage**

**Precautions for safe handling** use only in well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Avoid inhalation of dust and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for safe Storage** store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tight closed. Store away from bases, water and other incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

## **Section 8: Exposure Controls/Personal Protection**

**National Exposure Standards** No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m<sup>3</sup>.TWA (Time Weighted Average): The average airborne



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concentration of a particular substance when calculated over a normal eight-hour working day, for a five- day week.

**Biological Limit** No biological limits allocated.

**Values** Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.

**Engineering Controls Respiratory Protection** if engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715. 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection** Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection device should conform with Australian/New Zealand Standards AS/NZS 1337 – Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

**Body Protection** Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended.

## **Section 9 : Physical and Chemical Properties**

<b>Appearance</b>	: Dark brown
<b>Odor</b>	: Not available
<b>Molecular weight</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Color</b>	: Not available
<b>Solubility in water</b>	: Not available

## **Section 10 : Stability and Reactivity**

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	Extremes of temperature and moisture.
<b>Incompatible Materials</b>	Not available.
<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion produce noxious fumes containing oxides of carbon



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**Hazardous Reactions**

Not available.

**Hazardous Polymerization**

Will not occur.

## **Section 11 : Toxicological Information**

**Toxicology Information**

No toxicity Data available for this product.

**Inhalation**

Inhalation of dusts may irritate the respiratory system.

**Ingestion**

and vomiting.

Ingestion of this product may irritate the gastric tract causing nausea

**Skin**

itching.

Skin contact may cause mechanical irritation resulting in redness and

**Eye**

and tearing.

May be irritating to eyes. The symptoms may include redness, itching

**Chronic Effects**

Not available.

## **Section 12 : Ecological Information**

**Ecotoxicity**

No data available for this product.

**Persistence/Degradability**

No data available for this product.

**Mobility**

No data available for this product.

**Environ. Protection**

Prevent this material entering waterways, drains and sewers.

## **Section 13 : Disposal Considerations**

Dispose of waste according to applicable local and national regulations

## **Section 14 : Transport Information**

Not classified as Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## **Section 15 : Regulatory Information**

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).



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## **Section 16 : Other Information**

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