1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PALM KERNEL EXPPELLER MEAL/ELAEIS GUINEENSIS JACQ (PKE)
Company Name: Stance Agriculture Pty Ltd (ABN 34 131 855 395)
Address: PO Box 764 Kenmore QLD 4069 Australia
Telephone/Fax Number: Tel: 07 3878 8788 Free Call 1800 STANCE Fax: 07 3878 8799
Recommended Use: Stockfeed.
Additional Information: Web:- www.stanceglobal.com

2. HAZARDS 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingredients determined not to be hazardous</td>
<td></td>
<td>100 %</td>
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</tbody>
</table>

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 develop and persist seek medical attention.

First Aid Facilities: Eyewash and normal washroom facilities.

Advice to Doctor: Treat symptomatically.

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: 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 vapours or fumes. Water spray may be used to cool down heat-exposed containers.

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
7. HANDLING AND STORAGE

Precautions for Safe Handling
Use only in a 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 tightly closed. Store away from bases, water and other incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

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/m³. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Biological Limit Values
No biological limits allocated.

Engineering Controls
Use with good general ventilation. If dusts are produced local exhaust ventilation should be used.

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, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 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 devices should conform with Australian/New Zealand Standard 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Dark brown granulated meal.

Odour
Sour odour.

Melting Point
Not available.

Boiling Point
Not applicable.

Solubility in Water
This product absorbs water.

Specific Gravity
Not available.

pH Value
Not applicable.

Vapour Pressure
Not applicable.

Vapour Density (Air=1)
Not applicable.

Flash Point
Not applicable.

Auto-Ignition Temperature
Not applicable.

Flammable Limits - Lower
Not applicable.
### 10. STABILITY AND REACTIVITY

#### Chemical Stability
Stable under normal conditions of use.

#### Conditions to Avoid
Extremes of temperature and moisture.

#### Incompatible Materials
Not available.

#### Hazardous Decomposition Products
Thermal decomposition and combustion produce noxious fumes containing oxides of carbon.

#### Hazardous Reactions
Not available.

#### Hazardous Polymerization
Will not occur.

### 11. TOXICOLOGICAL INFORMATION

#### Toxicology Information
No toxicity data available for this product.

**Inhalation**
Inhalation of dusts may irritate the respiratory system.

**Ingestion**
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Skin**
Skin contact may cause mechanical irritation resulting in redness and itching.

**Eye**
May be irritating to eyes. The symptoms may include redness, itching and tearing.

#### Chronic Effects
Not available.

### 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.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations**
Dispose of waste according to applicable local and national regulations.

### 14. TRANSPORT INFORMATION

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

### 15. REGULATORY INFORMATION

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

**Poisons Schedule**
Not Scheduled

### 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS**
MSDS Reviewed: March 2010
Supersedes: June 2006

...End Of MSDS...
Material Safety Data Sheet

Infosafe No™ LPVKT

Issue Date: March 2010

ISSUED by STANCEAG

Product Name: PALM KERNEL EXPELLER MEAL/ELAEIS GUINEENSIS JACQ (PKE)

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