

## SAFETY DATA SHEET

### PRODUCT NAME: MOLAFOS GRAZING TRANSITION

#### IDENTIFICATION

Product Name: Molafos Grazing Transition  
Product Code: 20050  
Product Description: A Molasses based Liquid Animal Feed with Non-Protein Nitrogen and essential Minerals for Dairy, Beef Cattle, and Sheep  
Company Name: GrainCorp Commodity Management  
Address: 8/33 Racecourse Road, Hamilton, Q, 4007  
Telephone / Fax: Ph.: (07) 3291 8030 Fax: (07) 3291 8038

#### HAZARD IDENTIFICATION

**NON-HAZARDOUS**

**Not Classified as Hazardous per GHS or WHS Regulations**

#### COMPOSITION

Ingredients: Contains molasses, urea and essential minerals

#### FIRST AID MEASURES

##### **First Aid**

Ingestion: Rinse mouth with water. Drink copious amounts of water.  
Eye: Hold eyes open and rinse with water for 5 minutes.  
Skin: Wash the contaminated area with water.

##### **Symptoms and Effects of Exposure**

Acute - Ingestion: If large amounts are swallowed, may cause stomach irritation.  
Acute - Eye: Direct contact with eyes may cause irritation.  
Acute - Skin: Will not cause irritation.  
Chronic - Skin: Prolonged exposure to material may cause skin irritation.

#### FIRE FIGHTING MEASURES

Flammability: Non-Flammable below 60°C.  
Auto-ignition Temperature: Thermal decomposition may occur above 60°C if heat is unable to escape from containing vessel.  
Protective Clothing: Not required

#### ACCIDENTAL RELEASE MEASURES

Spills: Dilute with water and run to waste. Waste water may ferment.  
Protective Clothing: Not required

## **HANDLING AND STORAGE**

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage:                    | Store in Plastic or Steel containers/tanks with Brass, Steel or Plastic Fittings. Containers/tanks must be able to handle specified specific gravity. This product should be thoroughly agitated, either through mechanical mixing or recirculation daily and immediately prior to use. Dilution with water whilst in storage may cause fermentation. Before entering tanks for cleaning and / or hot work repairs, such as welding, should always be preceded by gas tests carried out by a competent analyst.                                        |
| Instructions for use:       | This product can be fed directly to livestock at recommended feeding rates.<br>Maybe toxic if fed to livestock in excessive quantities or too quickly.<br>This product contains Urea. Urea can be toxic to Ruminants at levels as low as 0.25g of urea per kilogram of live-weight and may result in death if not fed in accordance with the instructions for use for this product. Livestock should be introduced to urea gradually. Avoid feeding urea to starving or thirsty livestock. Always ensure an adequate supply of forage and fresh water. |
| Animal Withholding Period:  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Restricted Animal Material: | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## **EXPOSURE CONTROLS**

|                      |              |
|----------------------|--------------|
| Personal Protection: | Not required |
|----------------------|--------------|

## **PHYSICAL AND CHEMICAL PROPERTIES**

|                      |                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------|
| Appearance:          | Dark Brown to Black Viscous Liquid                                                             |
| Odour:               | Sweet sugar smell                                                                              |
| Specific Gravity:    | 1.35 Kilograms / Litre                                                                         |
| Solubility in Water: | Completely Soluble                                                                             |
| Corrosiveness:       | Mildly Corrosive to Steel and Concrete                                                         |
| pH:                  | 4.0 - 6.0 pH                                                                                   |
| Viscosity:           | 400 - 800 cP at 24°C                                                                           |
| Flammability:        | Non-Flammable below 60°C.                                                                      |
| Auto-ignition Temp:  | Thermal decomposition may occur above 60°C if heat is unable to escape from containing vessel. |

## **STABILITY AND REACTIVITY**

|                |                                             |
|----------------|---------------------------------------------|
| Corrosiveness: | Mildly Corrosive to Steel and Concrete      |
| Dilution:      | Dilution with water may cause fermentation. |

## **TOXICOLOGICAL INFORMATION**

### **Symptoms and Effects of Exposure**

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Acute - Ingestion: | If large amounts are swallowed, may cause stomach irritation. |
| Acute - Eye:       | Direct contact with eyes may cause irritation.                |
| Acute - Skin:      | Will not cause irritation.                                    |
| Chronic - Skin:    | Prolonged exposure to material may cause skin irritation.     |

## **ECOLOGICAL INFORMATION**

Eco-toxicity: Not toxic to environment.

## **DISPOSAL CONSIDERATIONS**

Disposal: Dilute with water and run to waste. Waste water may ferment.

## **TRANSPORT INFORMATION**

Transport Classification: Non-Hazardous, Not a Dangerous Good.  
Specific Gravity: 1.35 Kilograms / Litre

## **REGULATORY INFORMATION**

Not Applicable.

## **OTHER INFORMATION**

Preparation Date: 1<sup>st</sup> January 2017  
Revision: 3

**Please note:** Carefully read all instructions prior to use. You must observe all directions, warnings and precautions noted throughout the instructions. For further information, please visit our website [www.liquidfeeds.com.au/](http://www.liquidfeeds.com.au/) or contact us on 1800 333 010 for customer service.

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