

**MATERIAL SAFETY DATA SHEET**  
**Dried Molasses Products**

February 1, 2010

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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<u>Chemical Name</u>	<u>Chemical Formula</u>	<u>Molecular Weight</u>
Molasses	Mixture of liquid and dry Agricultural commodities	No data

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Trade Name: **Dried Molasses Products**

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Synonyms	DOT Identification No.
Dried molasses animal supplement	NA

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Distributed By  
Pestell Minerals & Ingredients, New Hamburg, ON Canada

24 Hour Emergency: **CANUTEC** 1-613-996-6666

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**. COMPOSITION, INFORMATION ON INGREDIENTS**

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<u>Component(s), Chemical Name</u>	<u>CAS Registry No.</u>	<u>%(Approx.)</u>	<u>ACGIH TLV-TWA</u>
Proprietary See ingredient tag	NA	No data	No data

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**3. HAZARDS IDENTIFICATION**

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Potential Health Effects  
Eyes - Mild irritant if dust gets into eyes.  
Skin - None  
Inhalation - None

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**4. FIRST AID MEASURES**

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Eyes: Flush eyes for 15 minutes.  
Skin: Wash with soap and water.  
Ingestion: No data

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**5. FIRE FIGHTING MEASURES**

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Flashpoint (Method used)	Flammable Limits in Air
No flash below 230° F (seta flash)	
Combustible carrier material	

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Extinguishing Agents - Water, CO<sub>2</sub>, foam

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Unusual Fire and Explosion Hazards - Carrier material is combustible. Minimize dust generation. No unusual fire or explosion hazards.

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## 6. ACCIDENTAL RELEASE MEASURES

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Steps to be taken in Case Material is released

Small release - Stop the source of the release. Recover as much product as possible for reuse. Dispose of unusable material in accordance with local, state and federal regulations.

Large release - Stop the source of the release. Create diversionary structures to minimize the extent of the release. Prevent the release from entering a waterway or sewer. Recover useable product. Dispose of unusable material in accordance with local, state, and federal regulations.

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## 7. HANDLING AND STORAGE

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This material should be stored indoors or otherwise protected from weather.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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Respiratory Protection – May aggravate existing respiratory problems. Use nontoxic particle mask.

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Ventilation – Local exhaust recommended.

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Skin Protection – Work gloves

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Eye Protection - Safety glasses

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Hygiene - Wash any exposed area with soap and water. Launder contaminated clothing.

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Other Control Measures - None

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance – Dark brown coarsely ground meal

Odor - Sweet

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Physical State – Solid

Specific Gravity – 0.61

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Boiling Point - NA

Freezing/Melting Point - NA

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Vapor Pressure – No data

Volatile, by Volume – No data

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Evaporation Rate - No data

Vapor Density in Air – Water vapor only

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Solubility in Water - Soluble

pH - NA

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## 10. STABILITY AND REACTIVITY

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Chemical Stability - Stable

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Conditions to Avoid – Excess moisture or heat.

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Incompatibility with Other Materials - Reacts with concentrated nitric acid or concentrated sulfuric acid.

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Hazardous Decomposition Products – No data

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Hazardous Polymerization – NA

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## 11. TOXICOLOGICAL INFORMATION

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Exposure Limits – No data

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Medical Conditions Aggravated by Exposure – No data

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Acute Toxicity

Primary routes of exposure:        \_\_\_ Inhalation                \_\_\_ Skin Absorption        \_\_\_ Ingestion

No data

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Chronic Toxicity – No data

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## **12. ECOLOGICAL INFORMATION**

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Prevent releases to land or water. Results in high Biological Oxygen Demand (BOD) and potential oxygen depletion of aquatic systems.

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## **13. DISPOSAL CONSIDERATIONS**

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Dispose of waste material at an approved municipal landfill or land application site, in accordance with local, state and federal regulations.

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## **14. TRANSPORT INFORMATION**

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Hazardous Materials Description/ Proper Shipping Name - NA

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DOT Hazard Class - NA

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DOT Identification Number - NA

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X This product is not a DOT hazardous material.

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## **15. REGULATORY INFORMATION**

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Discharges to a water of the U.S. are regulated by the Environmental Protection Agency.

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## **16. OTHER INFORMATION**

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None.

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Date of Preparation: 3/14/00

Reviewed: 2/1/10 PEC

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### **Disclaimer**

Pestell Minerals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Pestell Minerals makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Pestell Minerals will not be responsible for damages resulting from use of or reliance upon this information.