

# SAFETY DATA SHEET

Date of Issue: 01/01/2016

Revision 2



## Micro-Aid Feed Grade Concentrate

### Section 1. Identification

**Product Name:** Micro-Aid Feed Grade Concentrate

**Manufacturer:** Distributors Processing, Inc., dba DPI GLOBAL  
17656 Ave 168  
Porterville, CA 93257  
Tel: (559) 781-0297  
Toll Free: (800) 654-3693

**Emergency Telephone Number:** (559) 781-0297

**Recommended Use of Product:** Animal Application

### Section 2. Hazards Identification

**Globally Harmonized System Classification:** This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

**Label Elements: Signal Word:** Not applicable due to FDA Labeling

**Other Hazards:** None Identified

### Section 3. Composition/Information on Ingredients

**Chemical Name:** Saponin

<b>Component</b>	<b>CAS #</b>	<b>% by weight (concentration)*</b>
Yucca schidigera extract	223749-05-1	15-40%
Verxite granules	1318-00-9	15-40%
Ground limestone	1317-65-3	25-50%

*The exact percentage (concentration) of composition has been withheld as a trade secret*

### Section 4. First-Aid Measures

**Ingestion:** Rinse out mouth with water. Do not induce vomiting. Not expected to be toxic by ingestion.

**Skin:** Wash skin with soap and water. Generally the product does not irritate the skin.

**Inhalation:** Remove to a ventilated area with fresh air. Seek medical attention for any breathing difficulty.

**Eye Contact:** Flush opened eyes with water for several minutes. Obtain medical attention if irritation persists.

**Most Important Symptoms or Effects, both Acute and Delayed:** None known

**Immediate Medical Care and Special Treatment Needs:** Note to Physicians: treat symptomatically

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#### **Section 5. Fire-Fighting Measures**

- Suitable Extinguishing Media:** Use extinguishing agents that are appropriate to local circumstances and the surrounding environment.
- Specific Hazards Developing from the Chemical During Fire:** No unusual fire or explosion hazards are expected.
- Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus with full face piece and full protective gear.

#### **Section 6. Accidental Release Measures**

##### Personal Precautions, Protective Equipment and Emergency Procedures

- Personal Precautions:** None required
- Emergency Responders Precautions:** Use personal protection recommended in Section 8. Use personal protective equipment as required.
- Environmental Precautions:** No special handling is required. Product is biodegradable in soil and water.

##### Methods and Materials for Containment and Cleanup Procedures

- Methods for Containment:** Prevent further leakage or spillage if safe to do so
- Cleanup Procedures:** Sweep up and dispose of as general trash. Residue quantities can be swept or washed away. Containers can be discarded as trash.

#### **Section 7. Handling and Storage**

- Precautions for Safe Handling:** Handle in accordance with good industrial hygiene and safety practices.
- Conditions for Safe Storage, Including any Incompatibilities:** Store this product in a cool, dry environment. Keep container closed when not in use. No known incompatible materials.

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

- Exposure Guidelines:** This product does not contain any hazardous materials with occupational exposure limits established by a regulatory agency.
- Appropriate Engineering Controls:** Where possible, provide general mechanical and/or local exhaust ventilation, as well as access to showers and eyewash stations.
- Personal Protective Equipment (PPE)**
- Respiratory Protection:** A general, all-purpose dust mask that is equal to or similar to NIOSH Approved N95 Particulate Respirator is recommended if needed.
- Eye/Face Protection:** No special technical protective measures are necessary.
- Skin and Body Protection:** No special technical protective measures are necessary.

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**Micro-Aid Feed Grade Concentrate****Section 9. Physical and Chemical Properties**

<b>Appearance:</b>		<b>Upper/Lower Flammability or Explosive Limits:</b>	Not applicable
<b>Physical State:</b>	Granular	<b>Vapor Pressure:</b>	Not applicable
<b>Color:</b>	Medium brown	<b>Vapor Density:</b>	Not applicable
<b>Odor:</b>	None	<b>Evaporation rate:</b>	Not applicable
<b>Odor Threshold:</b>	No data available	<b>Relative Density:</b>	24.4 lb/ft <sup>3</sup>
<b>pH:</b>	Not applicable	<b>Solubility:</b>	Not soluble
<b>Melting Point/Freezing Point:</b>	Not applicable	<b>Partition Coefficient: n-octanol/water:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Auto-ignition Temperature:</b>	Not applicable
<b>Flash Point:</b>	NIL	<b>Decomposition Temperature:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable	<b>Viscosity:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable		

**Section 10. Stability and Reactivity**

<b>Reactivity:</b>	No data Available
<b>Chemical Stability:</b>	Stable
<b>Possibility of Hazardous Reactions:</b>	None under normal processing
<b>Conditions to Avoid:</b>	Extremes of temperature, direct sunlight and moisture
<b>Incompatible Materials:</b>	None known
<b>Hazardous Decomposition Products:</b>	None known

**Section 11. Toxicological Information****Information on Likely Routes of Exposure**

<b>Inhalation:</b>	No toxic effects
<b>Ingestion:</b>	No toxic effects
<b>Skin Contact:</b>	No toxic effects
<b>Eye Contact:</b>	No toxic effects

**Description of Delayed, Immediate, or Chronic Effects from short- and long-term exposure**

<b>Description:</b>	No toxic effects
<b>Numerical Measures of Toxicity:</b>	No data available
<b>Description of Symptoms:</b>	None known

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#### Section 12. Ecological Information

- Ecological Toxicity:** This product consists of components that present no known hazards to an aquatic environment or other terrestrial organisms
- Environmental Persistence and Degradability:** This product is biodegradable in soil and water
- Environmental Mobility:** No data available
- Other Adverse Effects:** None known

#### Section 13. Disposal Considerations

No special handling or disposal is required. Dispose in accordance with Federal, State and Local Regulations.

#### Section 14. Transport Information

- NMFC:** Class 60
- Special Precautions:** Avoid contact with Restricted Use Protein Products (RUPP)

#### Section 15. Regulatory Information

Product has Food and Drug Administration (FDA) status (Reg. 172.510) and approval as an aid in the control of manure odor (post-excretion) when added to finished feeds of poultry and livestock, as well as approval by the American Association of Feed Control Officials (AAFCO) (87.5 additional special purpose products).

#### Section 16. Other Information

**Disclaimer:** The opinions expressed herein are those of qualified experts within Distributors Processing, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Because the use of this information and of these opinions and the conditions of use of this product are not within the control of Distributors Processing, Inc., it is the user's obligation to determine the conditions of safe use of the products.

**Revision Date:** June 1, 2015

**End of Safety Data Sheet**