

Safety Data Sheet

Section 1: Identification

Product Name: MegAnion

Product Form: Mixture

Intended Use of the Product: Animal Feed Supplement

Company Identification:

Origination, LLC
1802 Wooddale Drive, Suite 200
Woodbury, MN 55125

For information, call: 1-800-625-6079

Emergency Number: 1-800-625-6079

For CHEMTREC assistance, call: 1-800-424-9300

For International CHEMTREC assistance, call: 703-527-3887

Section 2: Hazard(s) Identification

GHS-US classification: Eye Irritant 2B H320 - Causes eye irritation

GHS-US Labelling

Signal word (GHS-US): Warning.

Hazard statements (GHS-US): H320 - Causes eye irritation. Serious eye damage.

Precautionary statements (GHS-US): P264 - Wash thoroughly after handling. P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention.

Other hazards: No additional information available.

Unknown acute toxicity (GHS-US): No data available.

Section 3: Composition / Information on Ingredients

Component	% Weight	Exposure Guideline		
		Limits	Agency	Type
Soybean Meal	30-60	NE	OSHA ACGIH	All
Ammonium Chloride CAS No. 12125-02-9	25-30	10 mg/m ³ 20 mg/m ³	ACGIH ACGIH OSHA	TWA STEEL All
Magnesium Sulfate CAS No. 10034-99-8	15-25	NE	OSHA ACGIH	All
Hydrochloric Acid CAS No. 7747-01-0	1-10	10 mg/m ³ NE	ACGIH OSHA	TWA All

This product contains a blend of feed and/or foodstuffs. All ingredients contained in this product are defined as feed ingredients by the Association of American Feed Control Officials (AAFCO). All ingredients used in accordance with the definitions provided for AAFCO.

Section 4: First Aid Measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact: Causes eye irritation. Indication of any immediate medical attention and special treatment needed: No additional information available.

Section 5: Fire Fighting Measures

Extinguishing Media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture: No additional information available.

Advice for Firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

Environmental precautions: Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Reference to other sections

See Heading 8: Exposure controls and personal protection.

Section 7: Handling and Storage

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Conditions for Safe Storage, Including Any Incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from direct sunlight. Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

Specific end use(s): No additional information available.

Section 8: Exposure Controls, Personal Protection

Control parameters: No additional information available

Exposure Controls

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: Wear appropriate mask.

Other information: Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state: Solid.

Appearance: Granules.

Colour: Light tan.

Odour: Characteristic.

Odour threshold: No data available.

pH: No data available.

Relative evaporation rate (butylacetate=1): No data available.

Melting point: No data available.

Freezing point: No data available.

Boiling point: No data available.

Flash point: No data available.

Auto-ignition temperature: No data available.

Flammability (solid, gas): Non-flammable.

Vapour pressure: No data available.

Relative vapour density at 20 °C: No data available.

Density: 40 lb/ft³ (Bulk Density)

Solubility: Soluble.

Log Pow: No data available.

Log Kow: No data available.

Viscosity, kinematic: No data available.

Viscosity, dynamic: No data available.

Explosive properties: No data available.

Oxidising properties: No data available.

Explosive limits: No data available.

Section 10: Stability and Reactivity

Reactivity: No additional information available

Chemical stability: Not established.

Possibility of hazardous reactions: Not established.

Incompatible materials: Strong acids. Strong bases.

Section 11: Toxicological Information

Acute toxicity: Not classified

Serious eye damage/irritation: Causes eye irritation.

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Symptoms/injuries after eye contact: Causes eye irritation.

Section 12: Ecological Information

Toxicity: No additional information available

Mobility in soil: No additional information available

Other adverse effects

Effect on ozone layer: No additional information available

Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

Section 13: Disposal Considerations (non-mandatory)

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

Section 14: Transport Information

In Accordance with DOT: Not regulated for transport.

In Accordance with IMDG: Not regulated for transport.

In Accordance with IATA: Not regulated for transport.

In Accordance with TDG: Not regulated for transport.

Transport by sea: Not regulated for transport.

Section 15: Regulatory Information

US Federal Regulations: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

International Regulations

Canada: No additional information available.

EU-Regulations: No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

National regulations: No additional information available.

US State regulations: California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

Section 16: Additional Information

Prepared by: Origination, LLC

Prepared: September 8, 2020

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Origination be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Origination has been advised of the possibility of such damages.