

SAFETY DATA SHEET

SDS NO.: F100130816

SECTION 1 IDENTIFICATION

PRODUCT TRADE NAME: **DEFUSION Plus**

CHEMICAL NAME: N/A

DESCRIPTION: Product usage statement from tag, states it is a feed preservative.

MANUFACTURER / SUPPLIER: **Provimi North America, Inc.**

**10 Nutrition Way
Brookville, OH 45309**

General Information: (937) 770-2400

Transportation Emergency: **Chemtrec** (800) 424-9300

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:

Health	Environmental	Physical
Acute Toxicity – Category 4, 17% to 20.4% of the ingredients consists of sodium with unknown toxicity.		
Respiratory Sensitizer –Sub Category 1B		
Skin Irritant- Category 4 , Harmful		
Eye Irritant – Category 2		

GHS Pictogram: !

Signal Word: Warning

GHS Hazard Statement: Irritant Dust – Can cause irritation to eyes, nose and skin. Persons suffering from asthma or other respiratory problems should avoid any exposure to this product.

Precautionary Statements:

Prevention: Wash hands thoroughly after handling, do not eat, drink or smoke using this product. Wear gloves/ protective clothing. Avoid breathing dust, Use only in well-ventilated area.

Response: If swallowed: Call a poison center/ doctor if you feel unwell. Rinse mouth. If on skin wash with plenty of water. Take off contaminated clothing and wash it before reuse. If inhaled, Remove victim to fresh air and keep comfortable for breathing. If in eyes, Rinse cautiously with water for several minutes, Remove contact lenses, if present and easy to do continue rinsing. If eye irritation persists. Get medical advice/ attention.

Storage: Store in a cool, dry, well-ventilated area away from water, ice, acids and oxidizing agents. It may release sulfur dioxide gas slowly at ambient temperatures.

Disposal: Disposal of contents/ container to landfill in accordance with local/ regional/ national regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Total Sodium Activity: 17.0% -20.4%

Active Ingredients:

Sodium Bicarbonate, Sodium Sulfate, Sodium Citrate, Sodium Metabisulfite, Monosodium Glutamate, Ascorbic Acid, Citric Acid, Potassium Sorbate, Hydrated Sodium Calcium Aluminosilicate, Dried Yeast, Vitamin D3 Supplement, Vitamin E Supplement, Dried Bacillus Subtilis, Fermentation Product, Dried Bacillus Licheniformis, Fermentation Product, L-Tryptophan, Mineral Oil and Artificial Color.

SECTION 4 FIRST AID MEASURES

Emergency and First Aid Procedures:

INHALATION: Move person to fresh air. Get immediate attention if signs of suffocation, irritation or other symptoms develop.

SKIN CONTACT: Immediately wash skin with water for 15-20 minutes. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation persists.

EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15- 20 minutes. Remove contact lenses, if present, after first 5 minutes and then continue rinsing the eye. Get immediate medical attention.

INGESTION: If conscious, immediately rinse mouth with water and give 1 glass of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get immediate attention. Have product container or label information available when calling a poison control center or doctor or if transporting for further treatment.

Advice to Physician: Treat symptomatically. Note potential for anaphylactic shock with allergic individuals.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, alcohol foam and carbon dioxide are suitable for fighting fire.

Special Fire Caution: Contact with water releases sulfur dioxide gas which may be harmful or fatal if inhaled.

Special Fire Fighting Procedures: In the event of fire, wear full protective clothing and NIOSH approved seal-containing breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Releases toxic and irritating sulfur dioxide at fire temperatures.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Small Spills: Recover small spills by sweeping or vacuuming material into containers.

Large Spills: Evacuate all non-essential personnel. Ventilate area. Wear appropriate protective equipment. Recover spilled material by sweeping or vacuuming it into containers.

Waste Disposal Method: Close containers and dispose of unclaimed material and material used for spillage. Clean- up in solid waste landfill.

SECTION 7 HANDLING AND STORAGE

Handling Precautions: If dust generation occurs, clean-up personnel require respiratory protection. Observe good personal hygiene. Wash with soap and water after handling.

STORAGE Recommendations: Store in a cool, dry, well-ventilated area. Avoid exposure to water, ice, acids, and oxidizing agents. Keep out of reach of children. Keep packaging closed when not in use.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use mechanical exhaust as necessary to control air contaminants.

RESPIRATORY PROTECTION: Wear an NIOSH approved respirator if dusts are generated.

PROTECTIVE EQUIPMENT: Wear protective eyewear such as chemical safety goggles or glasses or a face shield. Wear chemical resistant or neoprene gloves.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Dry granular powder

Color: Light Blue particles

Odor: Mild sulfur dioxide odor

Bulk Density: 60 to 70 lb/ cubic ft

SECTION 10 STABILITY AND REACTIVITY

Stability: stable under normal conditions of use and storage.

Conditions to Avoid: avoid elevated above 300 F temperatures and exposure to sunlight, heat and flames.

Incompatibility: Contact with acids, water or ice releases sulfur dioxide gas which may be harmful or fatal if inhaled.

Hazardous Decomposition Products: May decompose if heated, producing sulfur dioxide and sodium sulfide residue. Sulfur Dioxide: OSHA TWA= 5ppm, ACGIH TLV= 2ppm, ACGIH STEL =5ppm.

Particle Hazardous Polymerization: None known.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation: May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Dust can irritate the respiratory tract. Possible signs and symptoms of allergic reactions include bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure, and anaphylaxis.

Skin Contact: Acute contact may cause skin irritation and allowing material to remain on skin may cause irritation with redness and pain.

Eye Contact: Dust or contact with product will irritate or burn the eyes.

Ingestion; Toxicological effects can be irritation to gastrointestinal track and may cause severe or deadly allergic reactions in some asthmatics and sulfide sensitive individuals. Ingestion of large oral doses may cause violent colic, diarrhea, depression and even death.

SECTION 12 ECOLOGICAL INFORMATION

Prevent contamination of soil and surface water.

SECTION 13 DISPOSAL CONSIDERATIONS

Product and empty container disposal are not regulated as EPA hazardous waste.

SECTION 14 TRANSPORTATION INFORMATION

This product is not regulated by Department of Transportation (DOT).

SECTION 15 REGULATORY INFORMATION

The Superfund Amendments and Reauthorization Act (SARA) Title III:

SEC. 302/304 Reportable Quantity of Extremely Hazardous substance: NO

SEC. 311/312 Hazard Categories: Yes / Acute.

SEC. 313 Toxic Chemical Release Report: NO

SECTION 16 OTHER INFORMATION

Disclaimer

This information relates specifically to the product designated and may not be valid for the product when used in combination with any other materials or products or in a particular process. This information is accurate, to the best of our knowledge. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness, whether originating within Provimi North America, Inc. or not. Provimi North America, Inc. does not accept responsibility for any loss or damage which may occur from the use of this information.

Revision Indicator: New SDS

Revision Date: July 03 2014