

SAFETY DATA SHEET

Rosen's, Inc., P.O.Box 933, Fairmont, MN 56031

FACTOR Urease Inhibitor

1. Product Information

Names & Synonyms: Proprietary Blend

Family: Urease inhibitor

Formula: Proprietary Mixture

Manufacturer: Rosens's Inc; P.O. Box 933, Fairmont, MN 56031. Phone: 800-792-2000

For Transportation Emergencies call Chemtrec at 800-424-9300

For Other Emergencies call 911 and/or Appropriate Regulatory Agencies

2. Hazard Information

KEEP OUT OF REACH OF CHILDREN - CAUTION

May cause eye or skin irritation. Avoid contact with skin, eyes or clothing.

3. Composition Information

Proprietary blend of solvents and N-(n-butyl) thiophosphoric triamide (NBPT) 100%

4. First Aid Information

If Swallowed: Drink 8 - 16 ounces of water if conscious. Call a Physician or Poison Control Center immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If In Eyes: Immediately flush eyes with plenty of water. Continue flushing for at least 15 minutes and call a physician if irritation persists.

If On Skin: Wash affected skin with soap and water. Remove contaminated clothing and launder clothing before reuse.

If Inhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

5. Fire & Explosion Hazard Information

Flash Point (TCC): >200 deg. F

Flammability Limits: Not Established

Extinguishing Media: Foam, water spray, dry chemical or carbon dioxide

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus in positive pressure mode with full face piece when there is a possibility of exposure to smoke, fumes or decomposition products.

Unusual Fire And Explosion Hazards: No specific explosion hazards are identified or expected.

Hazardous Combustion Products: Normal combustion forms oxides of carbon, nitrogen and sulfur.

6. Accidental Release Measures Information

Steps To Be Taken If Material Is Released Or Spilled: In case of leak or spill, contain material and dispose as waste. Do not contaminate any body of water. Pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state and federal regulations for proper disposal. **NOTE:** Prevent spilled material from flowing onto adjacent land, or into municipal sewers and open bodies of water. Always wear proper protective equipment when working with the product.

7. Handling and Storage Information

Handling: Wash hands after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Storage: Store in original container. Keep containers tightly closed. Do not allow product to freeze. Store above 32°F. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes or by cleaning of equipment. Do not store near feed or food products.

8. Exposure Controls / Personal Protection Information

Personal Protective Equipment (PPE): Wear protective clothing according to the most restrictive requirements for other products in the tank mix. Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If not such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. Physical Chemical Properties Information

pH (5% Solution): 6.0 - 7.0

Boiling Range: >200 °F

Freezing Point Range: <32°F.

% Volatile by Volume: Not available

Specific Gravity (H2O) : 1.07 - 1.11

Solubility in Water: Soluble

Evaporation Rate: (Butyl Acetate = 1) : < 1

Appearance & Odor: Green liquid free of haze or sediment; Sulfur like odor

This physical chemical properties information are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. Stability and Reactivity Information

Stability: Do not allow product to freeze. Store above 32°F.

Conditions To Avoid: Freezing temperatures.

Incompatibility: Strong oxidizing agents, reducing agents and acids.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Based on a similar formula

Acute Oral LD₅₀: >2,000 mg/kg (female)

Acute Dermal LD₅₀: >2,000 mg/kg

Eye Irritation: May cause mild irritation

Skin Irritation: May cause mild irritation

Inhalation LC₅₀: Not Established

Skin sensitization: Not a contact sensitizer

Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH

12. Ecological Information

Ecotoxicity information is not available for this product. NBPT has a very low toxicity to aquatic organisms

13. Disposal Information

Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state and federal regulations.

14. Transport Information

Hazardous Classification: Not Hazardous

Motor Freight Class: Non regulated

Item Number: None

UN/NA Number: None

Bill of Lading Description: Not regulated by US DOT for truck transportation

15. Regulatory Information

NFPA RATINGS: Least = 0 Slight = 1 Moderate = 2 High = 3 Severe = 4
Ratings for this product: Health – 1 Flammability – 0 Instability – 0 Special Hazards – None Specified

SARA Title III Hazard Category: Immediate Y Fire N
Sudden Release of Pressure N Delayed N Reactive N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title III, Section 313: Not listed

CA Proposition 65: Not listed

16. Other Information

Revised: 11/21/2013

The information provided in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.