

MORTON SALT

Material Safety Data Sheet

MSDS 7888, Revised 05/25/2010

Emergency Phone Number: 312/807-2000

1. PRODUCT IDENTIFICATION

Product Name:

Morton® Safe-T-Pet

2. COMPOSITION / INFORMATION ON INGREDIENTS

	CAS #	
Urea (Carbonyldiamide)	57-13-6	Major Component
Propylene Glycol	57-55-6	Minor Component
Blue Colorant	Proprietary	

3. HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion:	May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Skin Contact:	Repeated or prolonged contact may cause reddening, itching, and inflammation.
Eye Contact:	May cause eye irritation by direct contact.
Inhalation:	May cause respiratory tract irritation

Potential Acute Systemic Effects: Not considered to be toxic under normal conditions of use. However, in keeping with good hygienic practices, exposure to any chemical should be kept to a minimum. Urea Oral LD50 (rat) = 14,300 mg/kg, Propylene Glycol LD50 (rat) = 20,000 mg/kg

Chronic Systemic Effects: There is no known effect from chronic exposure to this product. Urea is approved as a food and cosmetic additive and is a known metabolite found in urine.

Hazard Rating

(0=None, 4=Extreme)

- 1 Health
- 0 Flammability
- 0 Reactivity

4. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	If applicable, remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.
Skin Contact:	Wash exposed area with mild soap and water. Get medical advice if irritation develops.
Inhalation:	Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion:	Do not induce vomiting. If large amounts were swallowed, get medical advice.

5. FIRE AND EXPLOSION HAZARD DATA

Material will not burn. Heating above 270°F decomposes to Biuret, Ammonia and Nitrogen Oxides. All standard extinguishing media are acceptable. Use extinguishing media suitable for surrounding fire.

6. REACTIVITY DATA

Stability: Stable Unstable

Stable and inert under normal conditions. No hazardous polymerization can occur. No hazardous decomposition products or conditions. Material is hygroscopic.

Materials to Avoid: Avoid contact with strong oxidizers (hypochlorite) and strong acids (nitric acid, perchloric acid).

7. PHYSICAL DATA

Appearance: Blue Spherical Particles pH (10 %): 7.0 – 8.0

Odor: Odorless to slightly ammoniacal % Volatile: N/A

Bulk Density: 0.70 – 0.78 g/mL Vapor Pressure (mm Hg): 0.08 kPa @ 20°C

Solubility in Water: All ingredients are soluble. Boiling Point (760 mm Hg): Decomposes @ 270°

8. SPILL OR LEAK PROCEDURES

Response to Small Spills: Sweep up and containerize for reclamation or disposal. Collect in suitably labeled containers. Flush residue with plenty of water.

Response to Large Spills: Shovel and sweep up; containerize for reclamation or disposal. Collect in suitably labeled containers. Flush residue with plenty of water.

Hazards to be Avoided: Strong acids and strong oxidizers.

Disposal Methods: Whatever cannot be saved for reclamation or utilized as fertilizer may be delivered to an approved waste disposal facility. However, discharge or disposal of urea may be subject to federal, state, or local regulations. Appropriate regulatory agencies should be consulted.

9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Provide local or general ventilation to keep below nuisance dust limit of 15 mg/m³. Wear appropriate respiratory protection for dust/mist when ventilation is inadequate. A NIOSH approved dust/mist respirator may be worn or other air-purifying respirators (such as a particulate filter) for most applications if respiratory protection is needed.

For Hands, Body: If deemed necessary (periodic skin exposure), wear long sleeved clothing, coveralls, and chemical-resistant gloves.



For Eyes: If deemed necessary, use chemical safety glasses with side shields or goggles. Contact lenses should not be worn when working with this material. For dusty operations, wear tightly-fitting chemical goggles. Eye wash fountain or water for eye washing should be available.

Ventilation: Provide general and/or local exhaust to control airborne levels below nuisance dust levels of 15 mg/m³.

10. SPECIAL PRECAUTIONS

Transport in dry equipment; store in dry location. Handling procedures should minimize generation of airborne dust. Use dust respirator as appropriate. Protect from moisture.

11. LABELING INFORMATION

DOT Shipping Name:	Not regulated	Additional Product Label:	Not applicable
DOT Label:	Not applicable	Warning:	None
UN No.:	Not applicable		

12. USER'S RESPONSIBILITY

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

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