

# SAFETY DATA SHEET

## NitroZone™ 28-0-0

### Section 1 – Identification

Product	Slow Release Nitrogen (28-0-0)	Recommended Use:
Manufacturer	TradeMark Nitrogen Corp.	Fertilizer, Raw
Address	1216 Old Hopewell Road, Tampa, FL 33619	Material.
Phone	(813) 626-1181	
24 Hour Emergency Contact	Chemtrec (800) 424-9300	

### Section 2 – Hazard Identification



#### Warning

**Warning:** Causes skin irritation.  
Causes eye irritation.  
Harmful if swallowed.  
May cause respiratory irritation.

### Section 3 – Composition Information

Active Ingredients	Component	CAS. No.	Percent by Weight
	Urea - Triazone Solution	Proprietary Ingredients	100%

### Section 4 – First Aid Measures

Inhalation	If inhaled: Move person to fresh air; If not breathing call 911 and give artificial respiration. Call poison control center or doctor for treatment advice.
Skin Contact	Immediately flush skin with water while removing contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse.
Eye Contact	If in eyes: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Call poison control center or doctor for treatment advice.
Ingestion	If swallowed: Seek medical attention. <b>Do NOT induce vomiting</b> unless directed to do so by medical personnel.
Acute Health Hazards	Eye contact may cause eye irritation. Repeated or prolonged skin contact may cause skin irritation. Ingestion may irritate the gastrointestinal tract.
Chronic Health Hazards	No known chronic effects.

### Section 5 – Fire Fighting Measures

Suitable Extinguishing Techniques & Equipment	Product is not flammable. Use suitable media for combustibles involved in fire. Assure self-contained breathing apparatus is worn. Fight fire from upwind. Prevent runoff if possible.
Chemical Hazards From Fire	None known.
Special Fire Fighting Procedures	Assure self-contained breathing apparatus is worn. Fight fire from upwind. Prevent runoff if possible.
NFPA Rating	Health - 1 (Slight), Fire - 0 (Least), Reactivity - 0 (Least)



#### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
800 452 3107  
813 626 1181

## Section 6 – Accidental Release Measure

Personal Precautions	Isolate area. Keep unnecessary, untrained and unprotected personnel from entering the area. Refer to Section 7, Safe Handling and Storage for additional precautionary measures. Keep upwind of spill. Spilled material may cause a slipping hazard. Ventilate area around leak or spill. Use appropriate personal protective equipment. For additional information, refer to Section 8, Exposure Controls/Personal Protection.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for Containment	Stop the flow of material, if this is without risk. Collect and dispose of spillage as indicated in Section 13. Prevent entry into waterways, sewers, basements or confined areas.
Methods for Cleanup	Pick up spills with absorbent material and place in suitable properly labeled containers.

## Section 7 – Safe Handling and Storage

Precautions for Safe Handling and Storage	Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Handle in accordance with good industrial hygiene and safety procedures.  Store in a dry place. Store in original container. Do not store near food, foodstuffs, drugs or potable water supplies.
---	--

## Section 8 – Exposure Controls / Personal Protection

Exposure Limits	Component	Permissible Exposure Limit	Threshold Limit Value	Short Term Exposure Limit	Immediately Dangerous to Life or Health
	Urea-Triazone Solution	Not Established	10 mg/m <sup>3</sup>	Not Established	Not Established

**Engineering Controls** Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

**Personal Protective Equipment**

Eyes - Use chemical goggles

Skin - Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly.

Hand Protection - Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene, Nitrile/butadiene rubber ("nitrile" or "NBR") or Polyvinyl chloride ("PVC" or "vinyl").

Respiratory - Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.

Personal Protective Equipment



Gloves



Goggles



Face Shield



Apron

## Section 9 – Physical and Chemical Properties

Appearance and Odor	Colorless liquid. Slight amine odor.	Specific Gravity	1.29 at 60°F (15.6°C)
Boiling Point	> 212°F (> 100°C) at 1 atmosphere	Molecular Weight	N/A
Salt Out Temp	< 0°F (-17.8°C)	Water Reactive	N/A
Vapor Pressure	N/A	Evaporative Rate	N/A
Solubility In Water	Completely soluble	pH	9.0 - 10.0
Density	10.6 lbs/gal at 60°F (1.27 kg/L at 15.6°C)	Freezing Point	N/A
Gallons per Ton	188.68 gal/short ton		
Flash Point	N/A	Auto Ignition Temp	N/A
		Flammability Limits	N/A
		LEL	N/A
		UEL	N/A



### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
800 452 3107  
813 626 1181

## Section 10 – Stability and Reactivity

Reactivity	See sections below.
Stability	Product is stable under normal conditions.
Hazardous Reactions	Will not occur.
Conditions to Avoid	Extreme or elevated temperatures.
Incompatible Materials	Strong acids.
Hazardous Decomposition Products	Oxides of Nitrogen.

## Section 11 – Toxicology Information

Routes of Exposure	Inhalation, ingestion, skin absorption or eye contact.
Symptoms and Signs of Exposure	<b>Eyes &amp; Skin</b> mild irritant. <b>Inhalation</b> may cause respiratory irritation. <b>Ingestion</b> may be harmful if swallowed.
Long Term Effects	No data available.
Toxicity	<b>Oral LD<sub>50</sub></b> - N/A, <b>Skin LD<sub>50</sub></b> - N/A
Carcinogen	No data available.

## Section 12 – Ecological Information

Water	There is no data available for this product.
-------	--

## Section 13 – Disposal Considerations

Waste	Disposal must be done in accordance with local, state and federal environmental regulations. Place waste in an appropriate container with correct labeling.
-------	---

## Section 14 – Transport Information

This material is not hazardous as defined by 49 CFR 172.101 by the US Department of Transportation

## Section 15 – Regulatory Information

United States - SARA Hazard Category	This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act (SARA) and is considered, under applicable definitions, to meet the following categories:						
	Fire - No	Pressure - No	Reactive - No	Acute - Yes	Chronic - No		
SARA Title III Information	This product contains the following substances subject to the reporting requirements of Title III (EPCRA) of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:						
	Chemical	CAS No.	CERCLA RQ	SARA Reporting	302	304	313
	No Components	N/A	N/A		N/A	N/A	N/A
CERCLA / Superfund, 40 CFR Part 117, 302	If this product contains components subject to substances designated as CERCLA Reportable Quantity (RQ) Substances, it will be designated in the above table with the RQ value in pounds. If there is a release of RQ Substance to the environment, notification to the National Response Center, Washington DC (800-424-8802) is required.						
TSCA	Product is contained in USEPA Toxic Substance Control Act Inventory.						

## Section 16 – Other Information

Date of Revision	SDS created December 2016.
Disclaimer	The information contained in this SDS refers only to the specific material designated and does not relate to any process or use with any other materials. This information is furnished free of charge and is based on data believed to be accurate and reliable as of the date herof. It is intended for use by persons possessing technical knowledge at their own discretion and risk. Since actual use is beyond our control, no warranty, expressed or implied, and no liability is assumed by TradeMark Nitrogen Corp. in conjunction with the use of this information. Nothing herein is to be construed as a recommendation to infringe any patents. TradeMark Nitrogen Corp. assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.



### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
800 452 3107  
813 626 1181