

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### FORMULATED BY:

Target Specialty Products  
15415 Marquardt Ave.  
Santa Fe Springs, CA 90670  
800-352-3870

PRODUCT NAME: 30-0-0 + Nterceptor  
CHEMICAL NAME: Urea ammonium nitrate fertilizer solution

Date of Issue: 11/16/21

## 2. HAZARDS IDENTIFICATION SUMMARY

Hazard Classification: Skin irritant, Category 2  
Eye irritant, Category 2A

Signal Word: "WARNING"

### Hazard Statements:

H315-Causes skin irritation  
H320-Causes eye irritation  
H335-May cause respiratory irritation  
H333-May be harmful if inhaled  
H303-May be harmful if swallowed

### Precautionary Statements:

#### (PREVENTION)

P260-Do not breathe mist/vapors/spray  
P264-Wash thoroughly after handling  
P270-Do not eat, drink or smoke when using this product  
P271-Use only outdoors in a well-ventilated area  
P273-Avoid release to the environment  
P280-Wear protective gloves / eye protection / face protection

#### (RESPONSE)

P301+P312- If swallowed, call a POISON CENTER or doctor if you feel unwell  
P330-Rinse mouth  
P302+P352-IF ON SKIN wash with plenty of soap and water  
P305+P351+P338-IN IN EYES rinse cautiously with water for 20 minutes, remove contact lenses and continue rinsing  
P337+P313-If eye irritation persists, get medical advice / attention  
P362+P364-Take off contaminated clothing

### Precautionary Statements, Storage:

P403+P233-Store in a well-ventilated place. Keep container tightly closed.  
P501-Dispose of container in accordance with local regulations



### 3. COMPOSITION, INFORMATION ON INGREDIENTS

N-P-K (NITROGEN-PHOSPHORUS-POTASSIUM) MIXED LIQUID BLENDED FERTILIZERS – No hazardous ingredient exceeds 1% of mixture.

<u>Chemical Ingredients:</u>	<u>Percentage of Weight:</u>	<u>CAS No.</u>
Ammonium Nitrate	45.7	6484-52-2
Urea	34.9	57-13-6
Water and proprietary additives	19.4	Mixture

### 4. FIRST AID MEASURES

<b>If in eyes:</b>	Immediately rinse with water for 5 minutes
<b>If on skin:</b>	Wash skin with soap and water
<b>If swallowed:</b>	Rinse mouth with water and drink large quantity of water
<b>If inhaled:</b>	Remove product or move person to fresh air

### 5. FIRE FIGHTING MEASURES

<b>FLASH POINT (°F/Test Method):</b>	Not flammable
<b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>	Not applicable
<b>EXTINGUISHING MEDIA:</b>	Use extinguishing agents appropriate to surrounding materials. Keep wet to prevent nitrate salts from forming as they can support combustion or become explosive.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	If product evaporates, residual solid can be explosive. In a fire, carbon oxides, nitrogen oxides and ammonia may be present.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Remove container from fire area.
<b>NFPA Rating:</b>	Health – 1 (Slight), Fire – 0 (Least), Reactivity – 0 (Least)

### 6. ACCIDENTAL RELEASE MEASURES

#### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Stop leak, contain spill and absorb with soil or natural absorbents. Sweep up waste and place in container for disposal. Wash down area. Uncontaminated spilled material may be reused.

### 7. HANDLING AND STORAGE

<b>HANDLING:</b>	Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling the product.
<b>STORAGE:</b>	Store in the original labeled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals. Avoid storage at temperatures of 110°F or higher. Corrosive to steel, aluminum, brass. Use with stainless steel or PVC fittings. Product may stain unfinished wood, painted surfaces, or concrete.
<b>INCOMPATIBILITY:</b>	Avoid contact with readily oxidizable materials, strong acids and chlorates. Contact with alkaline materials will produce ammonia. Will corrode copper and brass.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>ENGINEERING CONTROLS:</b>	Not normally required.
<b>RESPIRATORY PROTECTION:</b>	Not normally required.
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	Chemical goggles or shielded safety glasses and rubber or neoprene gloves.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR:</b>	Clear liquid with ammonia smell	
<b>SOLUBILITY:</b>	Completely	
<b>pH:</b>	11	<b>BULK DENSITY:</b> 10.4 pounds / gallon
<b>SPECIFIC GRAVITY (Water = 1):</b>	1.3	<b>BOILING POINT:</b> > 100°C
<b>VAPOR PRESSURE:</b>	Unknown	<b>EVAPORATION RATE:</b> Same as water
<b>PERCENT VOLATILE (by volume):</b>	Unknown	

Note: These physical data 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**

**STABILITY:** Stable for at least 2 years under normal conditions.  
**INCOMPATIBILITY:** Strong oxidizing agents, alkalies, acidic material  
**HAZARDOUS DECOMPOSITION PRODUCTS:** If product evaporates, residual solid can be explosive. In a fire, carbon oxides, nitrogen oxides and ammonia may be present.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**Acute Oral LD50(rat):** Not established  
**Acute Dermal LD50(rabbit):** Not established  
**Eye Irritation (rabbit):** Not established  
**Inhalation LC50(rat):** Not established  
**Carcinogenic Potential:** None listed in OSHA, NTP, IARC, or ACGIH  
**Skin Irritation (rabbit):** Not established  
**Skin Sensitization (guinea pig):** Not established

**12. ECOLOGICAL INFORMATION**

**Ecotoxicology:** Due to the non-toxic classification of this product no negative impact on wildlife is expected.  
**Biodegradation:** Oxidation and microorganisms.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Contaminated absorbents and surplus product should be buried in accordance with any local legislation.  
**Container disposal:** Wash thoroughly with water and soap prior to reuse.

**14. TRANSPORT INFORMATION**

**Land Transport:** PRODUCT IS NOT REGULATED DURING TRANSPORT  
**Air Transport (ICAO/IATA):** PRODUCT IS NOT REGULATED DURING TRANSPORT  
**Marine Transport:** PRODUCT IS NOT REGULATED DURING TRANSPORT  
**DOT Shipping Description:** NOT REGULATED BY USDOT.  
**U.S. Surface Freight Classification:** FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), defined by 49 CFR 172.101 by the USDOT.

**15. REGULATORY INFORMATION**

**NFPA & HMIS Hazard Ratings:**

NFPA		HMIS
1 Health	0 Least	1 Health
0 Flammability	1 Slight	0 Flammability
0 Instability	2 Moderate	0 Reactivity
	3 High	H PPE
	4 Severe	

**SARA Hazard Notification/Reporting**  
**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  
**RCRA Waste Code:** Not listed

**16. OTHER**

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