

**MATERIAL SAFETY DATA SHEET**

11712 230th St.  
Linwood, Kansas 66052  
Ph: 785-542-2577  
Fax: 785-542-2531

Emergency Telephone No.

1-800-424-9300 (ChemTrec)

**SECTION I – GENERAL INFORMATION**

TRADE NAME: SRN 28-0-0  
CHEMICAL NAME: Amino modified methylene Urea  
CHEMICAL FAMILY: Controlled Release Nitrogen Solution  
SIGNAL WORD: Caution

**SECTION II – INGREDIENTS**  
(Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Amino Modified Methylene Urea	Proprietary Blend	100.0	10mg/m3	N.H.

**SECTION III – PHYSICAL DATA**

Boiling Point: > 212 deg. F  
Vapor Pressure: N.E.  
pH: 10.0 – 11.0  
Specific Gravity: 1.27 – 1.29 gms/cc  
% Volatiles: N.K.  
Solubility in Water: complete  
Appearance/Odor: clear liquid, mild ammonia

**SECTION IV – FIRE & EXPLOSION DATA**

Flash Point: Non - Combustible  
Extinguishing Media: Dry chemical, foam, water spray.  
Fire Fighting Procedures: Fight fire from upwind. Assure S.C.B.A. is worn. Minimize run-off if possible.

**SECTION V – REACTIVITY DATA**

Stability: Stable.  
Conditions to Avoid: Extreme Temperatures. Strong Acids.  
Hazardous Decomposition Products: Oxides of Nitrogen.  
Hazardous Polymerization: Will not occur.

**SECTION VI – HEALTH HAZARD DATA**

Carcinogenicity: N/A.  
Toxicity Data: N.E.  
TLV: 10 mg/m3  
N.F.P.A. 1 - 1 - 0  
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)  
Effects of Overexposure: May cause irritation to eyes or with continual contact with skin. May irritate respiratory tract. Avoid ingestion.  
**Note to physician:** Treat symptomatically and supportively.

**SECTION VII – EMERGENCY PROCEDURES**

**If on Skin:** Wash exposed areas with soap and water. Remove and launder contaminated clothing.  
**If in eyes:** Flush eyes with copious amounts of water for 15 to 20 minutes. Seek medical attention.  
**If swallowed:** Give 1-2 glasses of water to drink. Induce vomiting. Get Medical Attention Immediately.  
**If inhaled:** Remove from area of exposure. Seek medical attention if symptoms persist.

**SECTION VIII- SPILL OR LEAK PROCEDURES**

**Steps to be taken in case of material leak or spill**  
Contain spills and prevent runoff or entering of waterways. Assure protective equipment is worn. Pick up spills with absorbent material and place in suitable containers. Remove sources of ignition.  
**Waste Disposal Method**  
Dispose of in accordance with Local, State, and Federal Regulations.

**SECTION IX – SPECIAL PROTECTION INFORMATION**

Respiratory Protection: Normally none required.  
Ventilation: General recommended.  
Protective Gloves: Rubber impervious.  
Eye Protection: Safety glasses.  
Other: Practice good personal hygiene.

**SECTION X – SPECIAL PRECAUTIONS**

**Precautions To Be Taken In Handling & Storage**  
**KEEP OUT OF REACH OF CHILDREN.**  
Store away from food or feedstuffs in a well ventilated area. Avoid extreme temperatures.  
D.O.T. Description: Non-Regulated  
Freight Description: Nitrogen Fertilizer Solution (28%), Liquid, n.o.s.

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and we shall not be liable for any loss or consequential damages arising out of the use thereof.

Date Prepared: 12-29-2008