

MATERIAL SAFETY DATA SHEET

Drexel Chemical Co.
1700 Channel Avenue
Memphis, TN 38113
(901) 774-4370

Emergency Telephone Number

1-800-424-9300 (CHEMTREC)

SECTION I – GENERAL INFORMATION

TRADE NAME: X 28-0-0
CHEMICAL NAME: Urea-Triazone Solution
CHEMICAL FAMILY: Slow Release Nitrogen Solution
SIGNAL WORD: CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Urea-Triazone Solution	Proprietary Blend	100.0	10mg/m ³	N.H.

Total Nitrogen (N) = 28.0% (7.8% Urea Nitrogen)
(20.2% Other Water Soluble Nitrogen)

SECTION III – PHYSICAL DATA

Boiling Point:	>212°F	Specific Gravity:	1.27-1.29 gms/cc
Vapor Pressure:	N.E.	% Volatiles:	N.K.
Vapor Density:	N.A.	Solubility in Water:	complete
pH:	9.0-10.0 (neat)	Appearance/Odor:	clear liquid, mild ammonia odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: Non-Combustible
Extinguishing Media: Dry chemical foam, water spray
Firefighting 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. Health: 1, Fire: 0, Reactivity: 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.

SECTION VII – EMERGENCY PROCEDURES

If in Eyes: Immediately rinse with water for 15 minutes. Remove contact lenses. Seek medical attention.
If on Skin: Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists.
If Swallowed: Immediately rinse mouth and give large quantities of water. Get medical attention immediately.
If Inhaled: Move person to fresh air. Seek medical attention.
NOTE: For additional information call CHEMTREC 800-424-9300.

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.

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