

ASHLAND CHEMICAL CO -- UREA, PRILLED CRYSTAL SHOTTED -- 6810-00-782-6521

===== Product Identification =====

Product ID:UREA, PRILLED CRYSTAL SHOTTED

MSDS Date:05/09/1987

FSC:6810

NIIN:00-782-6521

MSDS Number: BFPRV

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:606-324-1133

CAGE:5A188

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== Contractor Identification ==

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

===== Composition/Information on Ingredients =====

Ingred Name:UREA

CAS:57-13-6

RTECS #:YR6250000

Fraction by Wt: 100%

Other REC Limits:HMIS: 10 MG/M3 DUST

===== Hazards Identification =====

LD50 LC50 Mixture:LDLO DOG 3000 MG/KG

Routes of Entry: Inhalation:NO

Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO BODY TISSUES  
AND ONLY MILDLY TOXIC.  
Effects of Overexposure:EYES:CAUSE SEVERE  
IRRITATION,REDNESS,TEARING,BLURRED VISION,SKIN IRRITATION

===== First Aid Measures =====

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER.  
INHALED:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OF OXYGEN  
AS NEEDED  
D. INGESTED:GIVE WATER,THEN INDUCE VOMITING. GET IMMEDIATE  
MEDICAL ATTENTION. IF ANY SYMPTOMS PERSIST OR ARE SEVERE,GET  
PROMPT MEDICAL CARE.

===== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:REGULAR FOAM, WATER FOG, CARBON DIOXIDE, DRY  
CHEMICAL  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND  
FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILL:SWEEP UP MATERIAL ONTO PAPER.LARGE  
SPILL:SHOVEL MATERIAL INTO CONTAINERS.THOROUGHLY SWEEP AREA OF  
SPILL TO CLEAN UP ANY RESIDUAL MATERIAL

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED  
AREA.  
Other Precautions:TO BE FOLLOWED & OBSERVED

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE EXPECTED TO BE NECESSARY. USE NIOSH/MSHA  
DUST MASK IF NEEDED.  
Ventilation:NORMAL ROOM VENTILATION.  
Protective Gloves:RUBBER,PLASTIC, OTHER IMPERVIOUS.  
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.  
Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS & LEGS.  
Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE.AVOID  
UNNECESSARY CONTACT.  
Supplemental Safety and Health  
MSD

S NO 0000007-002. PRODUCT NO. 399050.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NOT GIVEN

Appearance and Odor:NOT GIVEN

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE REPORTED.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

HMISE SUGGESTS USE AS LAWN FERTILIZER.

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