

Product Identification =====

MSDS NAME:UREA, PRILLED CRYSTAL SHOTTED
NIIN:00-782-6521
MSDS Number: BFPRV
=== Responsible Party ===
Company: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

=== Contractor Identification ===
Company: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 =====

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. 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:T 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
MSDS 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.