

AGRICO CHEMICAL CO -- UREA -- 6810-00-782-6521

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

Product ID:UREA
MSDS Date:04/01/1989
FSC:6810
NIIN:00-782-6521
MSDS Number: BFPRW
=== Responsible Party ===
Company Name:AGRICO CHEMICAL CO
Address:1615 POYDRAS STREET
Box:61119
City:NEW ORLEANS
State:LA
ZIP:70161
Country:US
Info Phone Num:504-562-3501
Emergency Phone Num:504-562-3501 OR 918-588-3548
CAGE:50034

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Contractor Identification ===
Company Name:AGRICO CHEMICAL CO
Address:1615 POYDRAS STREET
Box:61119
City:NEW ORLEANS
State:LA
ZIP:70161
Country:US
Phone:504-562-3501 OR 918-588-3548
CAGE:50034
Company Name:LARIMORE CROP SUPPLY INC
Address:1102 HENDERSON ST
Box:City:BLYTHEVILLE
State:AR
ZIP:72315-5227
Country:US
CAGE:3J301

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

Ingred Name:UREA
CAS:57-13-6
RTECS #:YR6250000
Fraction by Wt: 97-99%
Other REC Limits:10 MG/CUM (RES.DUS)

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Ingred Name:BIURET
Fraction by Wt: 0.5-2.0%

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 0.1-0.3%

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

LD50 LC50 Mixture:LD50 ORAL RAT:14300MG/KG
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN,AND
MUCOUS MEMBRANES BY CHEMICAL OR MECHANICAL ACTION MAY
OCCUR.CHRONIC:NONE FOUND.
Explanation of Carcinogenicity:NO DATA PER MSDS
Effect
s of Overexposure:SEE HEALTH HAZARDS DATA
Medical Cond Aggravated by Exposure:NONE NOTED

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

First Aid:SKIN:WASH W.SOAP & H*2O. EYES:FLUSH W. H*2O. INGESTED:DON'T
INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF
NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE
ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point:NO
NE
Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL
CONTR.
Unusual Fire/Explosion Hazard:DECOMPOS WITH HEAT,RELEASING AMMONIA.CAN
FORM EXPLOSV MIXTURE WITH STRONG OXIDIZERS SUCH AS NITRATES

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

Spill Release Procedures:SWEEP UP MATERIAL.FLUSH TO SEWER WITH PLENTY
OF WATER.FEDERAL,STATE AND LOCAL EFFLUENT LAWS TAKE PRECEDENCE.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL-VENTED LOW FIRE RISK AREA.KEEP AWAY FROM NITRATES AND ALKALIES.KEEP CONTAINERS CLOSED.PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:PERSONAL CLEANLINESS IS OF UTMOST IMPORTANCE FOR REDUCING RISK OF DERMATITIS.CLEAN CLOTHES DAILY & SHOWERING WILL REMOVE IRRITANTS.IMMEDIATE WASHING OF SPILLS PREVENTS SENSITIVITY.

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

Respiratory Protection:NIOSH/MESA APPROVED DUST RESPIRATOR IF DUSTY CONDITIONS EXIST.

Ventilation:NO SPECIAL REQUIREMENTS

Protective Gloves:IMPERVIOUS

Eye Protection:CHEM OR SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:275F DECOMP

Decomp Temp:Decomp Text:275F,135C

Vapor Pres:UNK

Vapor Density:UNK

Spec Gravity:1.32

pH:7.2

Solubility in Water:APPRECIABLE

Appearance and Odor:TAN,GRANULAR SOLID,ODORLESS

Percent Volatiles by Volume:UNK

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS,ALKALIES,NITRATES,STRONG OXIDIZERS

Stability Condition to Avoid:HIGH TEMPERATURES PRODUCE AMMONIA.

Hazardous Decomposition Products:AMMONIA,CYANURIC ACID,BIURET,NITROGEN OXIDES WHEN HEATED

==== Disposal =====

I Considerations =====

Waste Disposal Methods:APPLY TO FARMLAND AS FERTILIZER.CAN BE DESTROYED BY INCINERATION.FEDERAL,STATE AND LOCAL EFFLUENT LAWS TAKE PRECEDENCE.

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