

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

=== C  
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.DUST)

)  
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  
Effects  
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:NON  
E  
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

=====  
===== 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

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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 =====

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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