

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%

=====  
===== 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

=====  
===== 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.

=====  
===== 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.

==

==== 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 CLOTHIS DAILY & SHOWERING WILL REMOVE IRRITNTS.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

V

apor 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for it

s use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.