

CENTRAL SCIENTIFIC CO -- UREA -- 6810-00-063-6133

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

Product ID:UREA

MSDS Date:12/01/1994

FSC:6810

NIIN:00-063-6133

MSDS Number: BYXJQ

=== Responsible Party ===

Company Name:CENTRAL SCIENTIFIC CO

Address:8315 LEE HWY

City:FAIRFAX

State:VA

ZIP:22031

Country:US

Info Phone Num:800-621-4778

Emergency Phone Num:800-621-4778

Preparer's Name:R.M. CARLSON

CAGE:11273

=== Co

ntractor Identification ===

Company Name:CENTRAL SCIENTIFIC CO (FORMERLY IN FRANKLIN PARK, IL.)

Address:8315 LEE HWY

Box:City:FAIRFAX

State:VA

ZIP:22031

Country:US

Phone:800-621-4778

CAGE:11273

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

Ingred Name:UREA

CAS:57-13-6

RTECS #:YR6250000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Report

s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE EXPOSURE MAY CAUSE EYE, SKIN, GI  
& RESPIRATORY TRACT IRRITATION. CHRONIC: NONE KNOWN.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYE, SKIN, GI & RESPIRATORY TRACT IRRITATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING SKIN,  
EYES, RESPIRATORY OR KIDNEY/LIVER DISORDERS O  
R ALLERGIES MAY BE  
MORE SUSCEPTIBLE.

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First Aid Measures  
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First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. GET MEDICAL  
ATTN. SKIN-FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL  
ATTENTION. INHALATION-REMOVE VICTIM TO FRESH AIR & PROVIDE  
OXYGEN/ARTIFICIAL RESPIRATION AS REQUIRED. GET MEDICAL ATTENTION.  
INGESTION-IF CONSCIOUS, GIVE WATER TO DRINK & INDUCE VOMITING,  
KEEPING VICTIM'S HEAD BELOW HIPS. GET MEDICAL  
ATTENTION.

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Fire Fighting Measures  
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Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:FINE DUST DISPERSED IN AIR IN SUFFICIENT  
CONCENTRATION & IN PRESENCE OF SOURCE OF IGNITION IS A POTENTIAL  
DUST EXPLOSION HAZARD.

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Accidental Release Measures  
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Spill Release Procedu  
res:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE  
AREA. CLEAN-UP PERSONNEL MAY NEED TO WEAR PERSONAL PROTECTIVE GEAR.  
USE CLEAN-UP METHODS WHICH MINIMIZE DUST.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM  
INCOMPATIBLE MATERIALS. KEEP TIGHTLY CLOSED WHEN NOT IN USE.  
Other Precautions:READ LABEL ON CONTAINER BEFORE USING. FOR LABORATORY  
US

E ONLY. NOT FOR DRUG, FOOD OR HOUSEHOLD USE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH DUST CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 19 10.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

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Protective Gloves:VINYL OR RUBBER.

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:LAB COAT. EYE WASH.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:270F,132C

Spec Gravity:1.34

Solubility in Water:APPRECIABLE

Appearance

Color and Odor:WHITE CRYSTAL; SLIGHT AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid:YES

SODIUM NITRATE, HYPOCHLORITES, ALKALIES, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:CARBON OXIDES, AMMONIA, NITROGEN OXIDES, CYANURIC ACID FUMES.

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

Waste Disposal Methods:WHATEVER CANNOT BE RECLAIMED MAY BE DISPOSED

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IN A RCRA-APPROVED WASTE FACILITY. DO NOT FLUSH TO SEWER.

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