

TRANSNITRO INC -- UREA -- 6810-01-198-9398

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

Product ID:UREA

MSDS Date:01/05/1998

FSC:6810

NIIN:01-198-9398

MSDS Number: CGFPT

=== Responsible Party ===

Company Name:TRANSNITRO INC

Address:4511 N HIMES AVE

Box:24926

City:TAMPA

State:FL

ZIP:33623

Country:US

Info Phone Num:813-879-6865

Emergency Phone Num:800-237-5005/800-424-9300,CHEMTREC

CAGE:8K216

=== Contractor

Identification ===

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Phone:813-879-6865

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

Ingred Name:UREA

CAS:57-13-6

RTECS #:YR6250000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) 14,300 MG/KG

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

Reports of Carcinogen

icity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- MAY CAUSE EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION. INGESTION MAY CAUSE NAUSEA, VOMITING AAND DIARRHEA. CH RONIC- NONE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, DIARRHEA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RES PIRATORY OR KIDNEY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:IF CONSCI OUS, DRINK PLENTY OF WATER. GET MEDICALATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES. DECOMPOSES AT BOILING POINT.

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

Spill Release Procedures:WEAR PROTE CTIVE CLOTHING. CAREFULLY SWEEP UP SPILL. AVOID CREATING DUST. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE WITH WATER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN DRY PLACE AWAY

FROM

INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. USE IN VENTILATED AREA. STORAGE COLOR CODE: ORANGE.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:BUTYL RUBBER RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health
NONE

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Spec Gravity:1.34

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:COMPLETE

Appearance and Odor:WHITE CRYSTALS - ODORLESS OR SLIGHT AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES

Stability Condition to Avoid:EXCESSIVE HEAT, MOISTURE

Hazardous Decompo

sition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN, HYDROGEN CYANIDE, AMMONIA

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

Waste Disposal Methods:THE POWDER MAY BE BURIED IN A SANITARY LANDFILL.
ENSURE COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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