

UNISOL CHEMICAL CORP -- NITRIC ACID -- 6810-00-237-2954

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

Product ID:NITRIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2954

MSDS Number: BDLYR

=== Responsible Party ===

Company Name:UNISOL CHEMICAL CORP

Address:2051 CHAMPAGNE DR

City:ASHEBORO

State:NC

ZIP:27203-3282

Country:US

Emergency Phone Num:NONE

CAGE:1S270

=== Contractor Identification ===

Company Name:U

NISOL CHEMICAL CORP

Address:2051 CHAMPAGNE DR

City:ASHEBORO

State:NC

ZIP:27203-3282

Country:US

Phone:919-672-1308

CAGE:1S270

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

Ingred Name:NITRIC ACID (SARA III)

CAS:7697-37-2

RTECS #:QU5775000

Fraction by Wt: 71%

OSHA PEL:2 PPM/4 STEL

ACGIH TLV:2 PPM/4 STEL; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Effects of Overexposure:ACCELERATED RESPIRATORY RATE

,DECREASED VITAL
CAPACITY.SKIN & EYES-INTENSE PAIN & SEVERE BURNS

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First Aid Measures
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First Aid:EYES,SKIN-FLUSH WITH WATER FOR 15 MIN.SKIN-COVER WITH BAKING
SODA.INGESTION-GIVE WATER WITH MILK OF MAGNESIA OR ALUMINUM
HYDROXIDE GEL.DO NOT USE BAKING SODA OR EMETICS.IF ABOVE NOT
AVAILABLE GIVE MIL K OR EGG WHITES WITH WATER CALL DOCTOR
IMMEDIATELY

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Fire Fighting Measures
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Extinguish
ing Media:WATER SPRAYING
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:FIRE/EXPLOSION IN CONTACT WITH ORGANIC
MATERIALS & EASILY OXIDIZABLE MATERIALS & HYDROGEN SULFIDE

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Accidental Release Measures
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Spill Release Procedures:FLUSH AREA WITH WATER SPRAY COVER WITH SODIUM
CARBONATE OR AN EQUAL MIXTURE OF SODA ASH AND SLAKED LIME.AFTER
MIXING,ADD WATER IF NECESSARY TO FORM SLURRY

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Handling and Storage
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Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE KEEP
AWAY FROM METALLIC POWDERS,CARBIDES,HYDROGEN SULFIDE,TURPENTINE
Other Precautions:AVOID ORGANIC ACIDS,ALL COMBUSTIBLE,ORGANIC OR OTHER
READILY OXIDIZABLE MATERIALS.AVOID DIRECT SUNLIGHT.

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Exposure Controls/Personal Protection
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Respiratory Protection:SELF CONTAINED BREATHING APPARATUS
Ventilation:LOCAL RECOMMENDED
Protective Gloves:RUBBER
Eye
Protection:SAFETY GOGGLES
Other Protective Equipment:FULL FACE SHIELD,RUBBER SHOES,PROTECTIVE
CLOTHING
Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:C4
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=86.C, 186.8F
Vapor Pres:62
Spec Gravity:1.504
Solubility in Water:COMPLETE
Appearance and Odor:TRANSPARENT,COLORLESS TO YELLOW,PUNGENT ODOR,LIQ.

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Stability and Reactivity Data
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Stability Indicator/Mate

rials to Avoid: YES

ORGANICS, FLAMMABLES, CAUSTICS

Stability Condition to Avoid: AVOID ELEVATED TEMPERATURES AND PRESSURES

Hazardous Decomposition Products: HYDROGEN IN CONTACT WITH
METALS, NITROGEN OXIDES

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

Waste Disposal Methods: ADD SLOWLY TO A LARGE SOLUTION OF SODA ASH AND
SLAKED LIME BY STIRRING. DISCHARGE THE SOLUTION WITH LARGE AMOUNT OF
WATER INTO AN APPROVED CONTAINER

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