

C C CHEM, INC -- NITRIC ACID -- 6810-00-236-5670

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Product Identification
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Product ID:NITRIC ACID
MSDS Date:01/01/1985
FSC:6810
NIIN:00-236-5670
MSDS Number: BDLVB
=== Responsible Party ===
Company Name:C C CHEM, INC
Address:901 S. 15TH ST
Box:7431
City:LOUISVILLE
State:KY
ZIP:40207-0431
Country:US
Emergency Phone Num:NONE KNOWN
CAGE:KO763
=== Contractor Identification ===
Company Name:C
& C CHEMICAL GROUP, INC.
Address:901 SOUTH 15TH STREET
Box:City:LOUISVILLE
State:KY
ZIP:40207
Country:US
Phone:804-279-4371
CAGE:2U704
Company Name:C C CHEM, INC
Address:901 S. 15TH ST
Box:7431
City:LOUISVILLE
State:KY
ZIP:40207-0431
Country:US
CAGE:KO763

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Composition/Information on Ingredients
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Ingred Name:NITRIC ACID (SARA III)
CAS:7697-37-2
RTECS #:QU5775000
Fraction by Wt: 61.0%
OSHA PEL:2 PPM/4 STEL
ACGIH TLV:2 PPM/4 STEL; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qt

y:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 39.0%

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

Effects of Overexposure:SEVERE BURNS ON CNTCT W/SKIN/EYES. VAPORS
INJURIOUS TO LUNGS, CAUSES NITRONS GAS POISONING.

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

First Aid:FLUSH EYES W/ABUNDANT WATER. WASH CONTAM AREAS OF BODY W/SOAP
& WATER. STOMACH WASH WITH, OR ORALLY ADMINISTER W/ SOAP SOLN,
CAOH, MGO,
AL(OH)₃, IF SWALLOWED, FOLLOWED BY SALINE CATHARSIS.
PROVIDE OXY GEN & ART RESP FOR INH.

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

Extinguishing Media:WATER
Fire Fighting Procedures:USE WATER SPRAY FOR FIRE-FIGHTING. FLOOD W/
H₂O FOR LG FIRES
Unusual Fire/Explosion Hazard:AVOID ORGANIC MATLS SUCH AS SAWDUST.
AVOID H₂O, CARBIDES, ORGANIC ACIDS, OXIDIZABLE MATLS.

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

Spill Release Procedures:
COVER W/SODIUM CARBONATE OR EQUAL MIXT OF SODA
ASH & SLAKED LIME. AFTER MIXING, ADD WATER IF NEC TO FORM SLURRY.

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

Handling and Storage Precautions:PROT AGAINST PHYSICAL DAMAGE. SEPARATE
FROM METALLIC POWDERS, CARBIDES, H₂S, TURPENTINE, ORGANIC ACIDS &
ALL COMBUST ORGANIC OR OTHER READ OXIDIZER.
Other Precautions:PROVIDE GOOD VENT & AVOID DIRECT SUNLIGHT. WEAR
RUBBER GLOVES, SELF-CNTND BRTHNG APPARATUS, PROT WORK

ING CLOTHING &
BODY PROT SHLD. RUNOFF TO SEWER CAUSE FIRE OR EXPLSN.

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

Respiratory Protection:SELF-CNTND BRTHNG APPARATUS, FACE MASK
Ventilation:LOCAL EXHST REC
Protective Gloves:RUBBER
Eye Protection:SAFETY GOGGLES
Other Protective Equipment:PROT WORKING CLOTHING & BODY PROT SHLD, R
SHOES
Supplemental Safety and Health

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

HCC:C1
Boiling Pt:B.P. Text:187
F,86C
Spec Gravity:1.381
Solubility in Water:APPRECIABLE
Appearance and Odor:COLORLESS TO SLIGHTLY YELLOW CORROSIVE LIQUID WITH
A PUNGENT ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
METALLIC POWDERS,CARBIDES,H₂S,ORG ACIDS,COMBUSTIBLES, OXIDES
Stability Condition to Avoid:MIXING W/STRONG ALKALI, ORGANIC MATTER,
HYDROGEN SULFIDE.
Hazardous Decomposition Products:NITROGEN OXIDE GASES

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

Waste Disposal Methods:ADD SLOWLY TO LG AMTS SOLN OF SODA ASH & SLAKED
LIME BY STIRRING. DO NOT FLUSH DOWN DRAINS. DISCHARGE SOLN W/LG AMT
WATER INTO APPRVD DISPOSAL AREA.

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