

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

Qty: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, CAO<sub>2</sub>H, MGO, AL(OH)<sub>3</sub>, 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/ H<sub>2</sub>O FOR LG FIRES

Unusual Fire/Explosion Hazard:AVOID ORGANIC MATLS SUCH AS SAWDUST. AVOID H<sub>2</sub>O, CARBIDES, ORGANIC ACIDS, OXIDIZABLE MATLS.

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

Spill Release Procedure

s: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, H<sub>2</sub>S, 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 WO

WORKING CLOTHING &  
BODY PROTECTIVE SHOULD. RUNOFF TO SEWER CAUSE FIRE OR EXPLOSION.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS, FACE MASK  
Ventilation:LOCAL EXHAUST RECIPIENT  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:PROTECTIVE WORKING CLOTHING & BODY PROTECTIVE SHOULD, RESISTANCE SHOES  
Supplemental Safety and Health

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

HCC:C1  
Boiling Point:Boiling Point. Text:1  
87F,86C  
Specific 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,H<sub>2</sub>S,ORGANIC ACIDS,COMBUSTIBLES, OXIDES  
Stability Condition to Avoid:MIXING WITH/STRONG ALKALI, ORGANIC MATTER,  
HYDROGEN SULFIDE.  
Hazardous Decomposition Products:NITROGEN OXIDE GASES

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

Waste Disposal Methods:ADD SLOWLY TO LARGE AMOUNTS SOLUTION OF SODA ASH & SLAKED LIME BY STIRRING. DO NOT FLUSH DOWN DRAINS. DISCHARGE SOLUTION WITH/LARGE AMOUNT WATER INTO APPROVED DISPOSAL AREA.

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