

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

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

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

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

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,  
CAOH, MGO, A  
L(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 Procedures:C  
OVER 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 WORKI

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

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

Respiratory Protection:SELF-CNTND BRTNG 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:187F  
,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,H<sub>2</sub>S,ORG ACIDS,COMBUSTIBLES, OXIDES  
Stability Condition to Avoid:MIXING W/STRONG ALKALI, ORGANIC MATTER,  
HYDROGEN SULFIDE.  
Hazardous Decomposition Products:NITROGEN OXIDE GASES

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===== 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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