

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 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 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: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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this inf

ormation to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.