

ASHLAND CHEM CO(INLAND PKG. INC-DIST) -- NITRIC ACID REAGENT ACS -- 6810-00-237-2954

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Product Identification  
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Product ID:NITRIC ACID REAGENT ACS  
MSDS Date:01/01/1985  
FSC:6810  
NIIN:00-237-2954  
MSDS Number: BDLYY  
=== Responsible Party ===  
Company Name:ASHLAND CHEM CO(INLAND PKG. INC-DIST)  
Address:1409 WINCHESTER AVE  
Box:391  
City:ASHLAND  
State:KY  
ZIP:41114  
Country:US  
Emergency Phone Num:NO  
NE KNOWN  
CAGE:81355  
=== Contractor Identification ===  
Company Name:ASHLAND INC  
Address:1409 WINCHESTER AVE  
Box:391  
City:ASHLAND  
State:KY  
ZIP:41114  
Country:US  
Phone:800-622-6846  
CAGE:81355

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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: 70%  
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:AQUEOUS SOLUTION,HAZARD UNKNOWN,UNIDENTIFIED  
Fr

action by Wt: 30%

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===== Hazards Identification =====  
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Effects of Overexposure:EYES:CAUSES SEVERE DAMAGE,EVEN BLINGNESS  
V.RAPIDLY.SKIN:CAUSES BURNS,POSSIBLE DEEP \*\*SEE SUPP DATA

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===== First Aid Measures =====  
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First Aid:SKIN:IMMED FLUSH W/WATER FOR 15 MIN.CALL DR. DISCARD CONTAM  
SHOES.EYES:FLUSH W/WATER UNTIL MED HELP IS ARRIVED.GET MED ATTN.DO  
NOT USE CHEM ANTIDOTE.INGESTN:DO NOT INDUCE VOMITING.DILUTE BY  
G  
IVING WAT ER.GIVE MILK OF MAGNESIA. \*SEE SUPP DATA

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===== Fire Fighting Measures =====  
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Extinguishing Media:WATER FOG  
Fire Fighting Procedures:SELF-CNTND BRTHG APP W FULL FACE PIECE OPRTE  
D IN POS PRE MOD  
Unusual Fire/Explosion Hazard:REACTS W MOST METALS TO RELEASE H\*2 GAS  
WHICH CAN FORM EXPLOSIVE MIXTURE WITH AIR.

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===== Accidental Release Measures =====  
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Spill Release Procedures:SM SPILL:MIX W SOD BICARB OR SODAASH/SLAKED  
LIME MIXT(50-50)TO FORM SLURRY.SCOOP SLURRY/WASH W SODAASH SOLN.LG  
SPILL:ELIM ALL IGN SOURCES.PERSONS W/O PROTEC EQUIP SHOULD EVAC  
AREA STOP SPILL AT SOURCE .DIKE SPILL AREA.PUMP LIQ \*\*SEE WASTE  
ELIMINATION.

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===== Handling and Storage =====  
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Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHY.  
DAMAGE.DONT STORE NEAR FLAMMABLE LIQ.USE PROTEC EQUIP DURING  
HANDLING/STORING.KEEP CONTAINER TIGHTLY CLOSED.  
Other Precautions:ALWAYS AD  
D ACID SLOWLY & IN SM AMTS TO WATER.NEVER  
ADD WATER TO ACID.NEVER USE HOT WATER.EMPTY CONTAINER OF MATL MAY  
BE HAZ.OBSERVE ALL HAZ PRECAUTIONS GIVEN IN SHEET.

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===== Exposure Controls/Personal Protection =====  
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Respiratory Protection:USE SELF-CNTND BRTHG APP/OTHER RESPR JOINTLY  
APPRVD BY NIOSH/MESA  
Ventilation:PROVIDE MECHANICAL(GEN)TO MAINTAIN EXPOSURE BELOW TLV  
LIMITS  
Protective Gloves:NEOPRENE/PVC  
Eye Protection:CHEM SPLASH GOGG& FACESH  
Other Protective Equi

ment:TO PREVENT SKIN CONTACT WEAR IMPERVIOUS  
CLOTHING & BOOTS.

Supplemental Safety and Health

\*\*ULCERATION INHAL:FUMES CAN CAUSE DAMAGE TO NASAL/RESP  
PASSAGES.INGESTN:RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES &  
DEEP TISSUES.\* KEEP PERSON QUIET/WARM. CALL DR. IMMED.

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

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=121.1C, 250.F

Vapor Pres:5.5

Vapor Density:1.3

Spec Gravity:1.420

Evaporation Rate & Referenc

e:SLOWER THAN ETHER

Solubility in Water:MISCIBLE

Appearance and Odor:COLORLESS/YELLOW COLOR LIQUID.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALI,FLAMMABLE LIQ,ORGANIC MATERIAL,REDUCERS

Hazardous Decomposition Products:NITROGEN COMPOUNDS,ACID FUMES

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

Waste Disposal Methods:SM SPILL:FLUSH DOWN DRAIN W LARGE AMT OF

WATER.LARGE SPILL:COLLECT & ADD SLOWLY TO LARGE VOL OF SODA ASH &  
SLAKED LIME SOLN. ADD NEUTRALIZED SOLN TO EXCESS RUNNING WATER.

\*\*TOSALVAGE TANK.ABSORB REMAI NING LIQ ON ABSORBENT MATL.& SHOVEL  
INTO CONTAINER

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