

NITRIC ACID-36DEG BE-43DEG BE

MSDS Number

BBCBZ

National Stock Number

6810-00D000017

Product Name

NITRIC ACID-36DEG BE-43DEG BE

Manufacturer

ALLIED CHEMICAL CORP

Product Identification

Product ID:NITRIC ACID-36DEG BE-43DEG BE

MSDS Date:01/01/1985

FSC:6810

NIIN:00D000017

MSDS Number: BBCBZ

Responsible Party

ALLIED CHEMICAL CORP

COLUMBIA RD & PARK AVE

MORRISTOWN , NJ 07960

US

Cage: 1L168

Contractor

ALLIED-SIGNAL INC

1087R

MORRISTOWN, NJ 07962-2332

US

201-455-4414

Cage: 1L164

Ingredients

NITRIC ACID (SARA III)

CAS: 7697-37-2

RTECS: QU5775000

Fraction By Weight: >50%.

OSHA PEL2 PPM/4 STEL

ACGIH TLV: 2 PPM/4 STEL; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight:

Hazards

Effects of Overexposure:SEVERE BURNS TO SKIN OR EYES.INGEST:SEVERE
INTERNAL BURNS.INHAL:VAPORS OR OXIDES OF N*2 INJURY LUNGS

First Aid

First Aid:SKIN:FLUSH W/LARGE AMTS OF WATER.EYES:FLUSH W/PLENTY OF WATER
FOR 15 MIN. GET DR.FOR EYES/SKIN BURNS.INHALE:CARRY TO
UNCONTAMINATED AREA & GET IMMEDIATE MEDICAL ATTENTION.AVOID
EXERTION.INGEST:MED.ATT EN.

Fire Fighting

Fire Fighting Procedures:AVOID INHAL OF POISONOUS OXIDES OF NITROGEN
GUS.

Unusual Fire/Explosion Hazard:WILL NITRATE WOOD & OTHER ORGANICS
CAUSING SPONTANEOUS IGNITION OR GREATLY INCREASED FLAMMABILITY.

Accidental Release

Spill Release Procedures:FLUSH W/PLWNTY OF WATER & NEUTRALIZE
W/ALKALINE MATERIAL SUCH AS SODA ASH,LIME,ETC;PROVIDE ADEQUATE
VENTILATION TO ELIMINATE OXIDES OF NITROGEN FUMES & ANY CO*2 GAS
FROM USE OF SODA ASH OR LIMESTONE.

Handling

Handling and Storage Precautions:STORE IN WELL VENTILATED PROPERLY
DRAINED SITE AWAY FROM HEAT & OUT OF SUN. ISOLATE FROM ITEMS SUCH
AS TURPENTINE,CARBIDES,METALLIC POWDERS,H*2S

Other Precautions:ISOLATE FROM COMBUSTIBLE MATERIALS.NITRIC VAPOR &
OXIDES OF NITROGEN ARE INSIDIOUS.SYMPTOMS FROM INHAL MAY BE
DELAYED. DO NOT BEATHE THESE FUMES.

Exposure Controls

Respiratory Protection:USE SELF-CONTAINED OXYGEN OR CLEAN AIR SUPPLIED
BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST SUFFICIENT TO ELIMINATE ALL FUMES

Protective Gloves:RUBBER

Eye Protection:CHEM.SAFETY GOGGLES.

Other Protective Equipment:FACE SHIELD,RUBBER APRONS,RUBBER SAFETY
SHOES,HARD HATS.

Supplemental Safety and Health

SPECIAL FIGHTING PROCEDURES(CONTD):FILTER TYPE RESPIRATORS ARE
UNSUITABLE.USE SELF-CONTAINED OR AIR SUPPLIED BREATHING
APPARATUS.UNUSUAL FIRE & EXPL:CAUSE EXPL.W/H*2S & OTHER CHEMICALS

Chemical Properties

HCC:D4

Boiling Pt:B.P. Text:244F-251F

Vapor Pres:0.1

Spec Gravity:1.33

Evaporation Rate & Reference:.Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS TO LIGHT YELLOW LIQUID W/AN ACRID ODOR.

Percent Volatiles by Volume:D100

Stability

Stability Indicator/Materials to Avoid:YES

MOST METALS,HYDROGEN SULFIDE,WOOD EXCELSIOR,PAPER,COTTON,ORG

Hazardous Decomposition Products:POISONIOUS OXIDES OF NITROGEN GAS

Disposal

Waste Disposal Methods:DILUTE & NEUTRALIZE AS ABOVE BEFORE DISPOSAL.IF
PERMITTED BY REGULATIONS,FLUSH NEUTRALIZED RESIDUE TO SEWER
W/PLENTY OF WATER,IF NOT FLUSH NEUTRALIZED RESIDUE W/PLENTY OF
WATER TO AN APPROVED DISPOSAL AREA.

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