

J.T. BAKER CHEMICAL CO -- NITRIC ACID,TECHNICAL -- 6810-00-222-9655

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

Product ID:NITRIC ACID,TECHNICAL

MSDS Date:01/01/1985

FSC:6810

NIIN:00-222-9655

MSDS Number: BDKCV

=== Responsible Party ===

Company Name:J.T. BAKER CHEMICAL CO

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-2151

Emergency Phone Num:201-859

-2151

CAGE:5B970

=== Contractor Identification ===

Company Name:J.T. BAKER CHEMICAL COMPANY SUB OF RICHARDSON-VICKS INC

Address:995 ZEPHYR AVE

Box:City:HAYWARD

State:CA

ZIP:94544-7917

Country:US

Phone:UNK

CAGE:5B970

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name:NITRIC ACID (SARA III)

CAS:7697-37-2

RTECS #:QU5775

000
Fraction by Wt: >40%.
OSHA PEL:2 PPM/4 STEL
ACGIH TLV:2 PPM/4 STEL; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

Effects of Overexposure:SEVERE BURNS TO SKIN OR EYES.INHALATION OF
VAPOR OR OXIDES OF NITROGEN IS INJURIOUS TO LUNGS

===== First Aid Measures =====

First Aid:IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT
LEAST 15 MIN.CALL A DOCTOR AT ONCE.IF INHALED
,REMOVE TO FRESH
AIR.IF NOT BREATHING,GIVE ARTIF. RESP. IF BREATHING IS
DIFFICULT,GIVE OXYGEN,CA LL DOCTOR

===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY
Fire Fighting Procedures:AVOID INHALATION OF POISONOUS GASFOUS OXIDES
OF NITROGEN
Unusual Fire/Explosion Hazard:WOOD AND OTHER ORGANICS MAY IGNITE
SPONTANEOUSLY OR HAVE GREATLY INCREASED FLAMMABILITY.EXP-H2S,PWD

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

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Spill Release Procedures:FLUSH SPILL WITH PLENTY OF WATER & NEUTRALIZE
WITH ALKALINE MATERIAL SUCH AS SODA ASH,LIME,ETC.;PROVIDE ADEQUATE
VENTILATION TO ELIMINATE OXIDES OF NITROGEN FUMES & ANY CO2 GAS
FROM USE OF SODA ASH OR LIMESTONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN WELL VENTILATED PROPERLY
RDRAINED SITE AWAY FROM HEAT & OUT OF SUN. ISOLATE FROM
INCOMPATIBLE MATERIALS.
Other Precautions:

NITRIC VAPOR & OXIDES OF NITROGEN ARE INSIDIOUS,
SYMPTOMS FROM INHALATION MAY BE DELAYED.DO NOT BREATHE THESE
FUMES.STORE IN A COOL,DRY AREA.

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

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

Ventilation:LOCAL EXHAUST TO ELIMINATE ALL FUMES.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:FACE SHIELD,NEOPRONE APRONS,NEOPRENE SAFETY
SH

OES,NEOR CLTH

Supplemental Safety and Health

SPECIAL FIRE FIGHTING PROCEDURES (CONTD): FOLTER TYPE RESPIRATORS ARE
UNSUITABLE.USE SELF-CONTAINED OR AIR SUPPLIED BREATHING APPARATUS
APPROVED BY NIOSH.

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

HCC:C1

Boiling Pt:B.P. Text:244F,118C

Vapor Pres:3.0

Vapor Density:3.0

Spec Gravity:1.41

Evaporation Rate & Reference:1.0 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS TO LIGHT YELLOW
(EXPOSED TO LIGHT) LIQUID
WITH AN ACRID ODOR.

Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES

MOST METALS,H25,WOOD,EXCELSIOR,PAPER COTTON & ORGANICS.

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

Waste Disposal Methods:DILUTE & NEUTRALIZE AS ABOVE BEFORE DISPOSAL.IF
LOCAL ENVIROMENTAL REGULATIONS PERMIT,FLUSH NEUTRALIZED RESIDUE TO
AN APPROVED DISPOSAL AREA WITH P

LENTY OF WATER.

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