

J.T.BAKER CHEMICAL CO. -- 1-METHYL-2-PYRROLIDINONE -- 6810-01-200-8003

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Product Identification  
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Product ID:1-METHYL-2-PYRROLIDINONE

MSDS Date:05/01/1989

FSC:6810

NIIN:01-200-8003

MSDS Number: BGQLH

=== 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:

908-859-2151/CHEMTREC 800-424-9300

CAGE:DO870

=== Contractor Identification ===

Company Name:AMCO CHEMICAL CORP

Address:3RD - CYPRS

Box:208

City:OAKLAND

State:CA

ZIP:94607

Country:US

Phone:NOT IN BUSINESS! 911008P505A ???

CAGE:97984

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

P

hone:800-582-2537

CAGE:70829

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Composition/Information on Ingredients  
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Ingred Name:1-METHYLPYRROLIDONE

CAS:872-50-4

RTECS #:UY5790000

Fraction by Wt: 90- 100%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:100 PPM (MFR)

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 3914 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chr

onic:ACUTE-EYES/SKIN:IRRITATION.PROLONGED

SKIN CONTACT MAY CAUSE

DERMATITIS.INHALATION:HEADACHE,NAUSEA,VOMITING,DIZZINESS.INGESTION:

IRRITATION OF MUCOUS MEMBRANES,NAUSEA,VOMITING,DIZZINESS,GI

IRRITATION.CH RONIC-NONE IDENTIFIED.

Effects of Overexposure:SEE HEALTH HAZARDS SECTION. TARGET ORGANS:

EYES, SKIN.

Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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First Aid Measures  
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First Aid:CALL A PHYSICIAN.INHALATION:REMOVE TO

FRESH AIR.GIVE

OXYGEN/CPR IF NECESSARY.EYES/SKIN:IMMEDIATELY FLUSH WITH WATER FOR

15 MINUTES.REMOVE CONTAMINATED CLOTHING.INGESTION:IF CONSCIOUS,GIVE

LARGE AMOUNT OF WATER. INDUCE VOMITING.

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Fire Fighting Measures  
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Flash Point Method:CC

Flash Point:199F,93C

Autoignition Temp:Autoignition Temp Text:610F

Lower Limits:1.3

Upper Limits:9.5

Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER

MAY BE INEFFECTIVE.COOL FI

RE-EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. MOVE CONTAINERS FROM FIRE AREA IF IT IS NOT RISKY.

Unusual Fire/Explosion Hazard:CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE OR EXPLOSION.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.SHUT OFF IGNITION SOURCES.STOP LEAK IF YOU CAN DO WITHOUT RISK.TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER.FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NOT GIVEN

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED, FLAMMABLE LIQUID STORAGE AREA.ISOLATE FROM INCOMPATIBLE MATERIALS.STORAGE COLOR CODE: RED (FLAMMABLE).

Other Precautions:WORK IN A WELL VENTILATED AREA.KEEP CONTAINERS

TIGHTLY CLOSED.BOND AND GROUND CONTAINERS WHEN TRANSPORTING LIQUID.USE CAUTION WHEN OPENING CAP. MATERIAL IS HYGROSCOPIC.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITION EXISTS.IF AIRBORNE CONCENTRATION IS UP TO 1000 PPM, A CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC CARTRIDGE IS RECOMMENDED.ABOVE THAT, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:POLYVINYL ALCOHOL

Eye Protection:SAFETY GOGGLES AND FACE SHIELD

Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT TO PREVENT ANY POSSIBILITY OF SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Phys

ical/Chemical Properties =====

HCC:V4

Boiling Pt:B.P. Text:395F,202C

Melt/Freeze Pt:M.P/F.P Text:-11F,-24C

Vapor Pres:0.29

Vapor Density:3.4

Spec Gravity:1.03

Evaporation Rate & Reference:0.06 (N-BUTYL ACETATE=1)

Solubility in Water:100 %

Appearance and Odor:CLEAR, COLORLESS LIQUID. AMINE-LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG REDUCING AGENTS,STRONG ACIDS,

STRONG OXIDIZER

Stability Condition to Avoid:HEAT,FLAME, OTHER SOURCES OF  
IGNITION,MOISTURE

Hazardous Decomposition Products:OXIDES OF NITROGEN, CARBON MONOXIDE  
AND DIOXIDE

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

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