

J.T.BAKER CHEMICAL CO -- NAPHTHALENE -- 6810-00-984-9787

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Product Identification  
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Product ID:NAPHTHALENE

MSDS Date:05/01/1989

FSC:6810

NIIN:00-984-9787

MSDS Number: BPFJGJ

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-JTBAKER

Emergency Phone Num:(201) 859-2151/800-424-9300(CHEMTR

)

CAGE:DO870

=== Contractor Identification ===

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

Phone:800-582-2537

CAGE:70829

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Composition/Information on Ingredients  
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Ingred Name:NAPHTHALENE (SARA III)

CAS:91-20-3

RTECS #:QJ0525000

Fraction by Wt: 90-

100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 PPM/15 STEL  
ACGIH TLV:10 PPM/15 STEL; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 1780 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- EYE/SKIN:IRRITATION.  
INHALATION:NONE IDENTIFIED. SKIN ABSORPTION:MAY BE HARMFUL.  
ORAL:HEAD  
ACHE, NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL  
IRRITATION. CHRONIC- NONE IDENTIFIED.  
Effects of Overexposure:IRRITATION OF EYE AND SKIN. ORALLY MAY CAUSE  
HEADACHE, NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL IRRITATION.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH  
SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS  
OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.  
ORAL:DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:CC  
Flash Point:190F,88C  
Autoignition Temp:Autoignition Temp Text:979F  
Lower Limits:0.9  
Upper Limits:5.9  
Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY  
MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS  
AWAY.  
Fire Fighting Procedures

:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT MAY  
EXPLODE. CONTACT WITH STRONG OXIDIZERS MAY CAUSE FIRE OR EXPLOSION.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. SHUT OFF  
IGNITION SOURCES. VENTILATE AREA. WITH CLEAN SHOVEL, CAREFULLY  
  
PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM  
AREA. FLUSH SPILL AREA WITH WATER.

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

Handling and Storage Precautions:STORAGE- KEEP CONTAINERS TIGHTLY  
CLOSED IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAT, SPARKS OR  
FLAME.

Other Precautions:AVOID BREATHING VAPORS OR DUSTS. DO NOT GET IN EYES,  
ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT  
OF REACH OF CHILDREN.

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

Respiratory Protection:AT CONCENTRATIONS UP TO 500 PPM, A CHEMICAL  
CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS RECOMMENDED.  
ABOVE THIS LEVEL, USE NIOSH-APPROVED SELF-CONTAINED BREATHING  
APPARATUS.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST  
MAY BE REQUIRED IF WORK AREA IS NOT VENTED.

Protective Gloves:RUBBER  
E

Eye Protection:CHEMICAL SAFETY GOGGLES/FACESHIELD

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT  
AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED  
CONTACT.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:424F,218C

Melt/Freeze Pt:M.P/F.P Text:176F,80C

Vapor Pres:0.05 @ 20C

Vapor De

nsity:4.42

Spec Gravity:1.14

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE CRYSTALLINE SOLID, ODOR OF MOTH BALL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

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

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF

IN ACCORDANCE WITH ALL LOCAL, STATE

AND FEDERAL REGULATIONS. REPORTABLE QUANTITY IS 100 LBS.

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