

J.T.BAKER CHEMICAL COMPANY -- CHLOROFORM; PRODUCT CODE 9182; C2915-02 --
6810-01-314-2737

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Product Identification
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Product ID:CHLOROFORM; PRODUCT CODE 9182; C2915-02

MSDS Date:08/15/1986

FSC:6810

NIIN:01-314-2737

MSDS Number: BPFMR

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL COMPANY

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: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:CHLOROFORM (SARA III)

CAS:

67-66-3
RTECS #:FS9100000
Fraction by Wt: >99%
Other REC Limits:NONE SPECIFIED
OSHA PEL:(C) 50 PPM
ACGIH TLV:10 PPM; A2; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:LD50 - ORAL RAT: 1194 MG/KG;TLV:50MG/CUM
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:MAY CAUSE EYE & SKIN
IRRITATION.MAY CAUSE RESPIRA
TORY TRACT IRRITATION.CENTRAL NERVOUS
SYSTEM DEPRESSANT.LOSS OF CONSCIOUSNESS AND EVEN DEATH CAN OCCUR AT
HIGH LEVELS OF EXPOSURE. CHRONIC:REPEAT ED OR PROLONGED EXPOSURE
MAY CAUSE SKINDERMATITIS,MAY CAUSE KIDNEY AND LIVER DAMAGE.
Explanation of Carcinogenicity:CHLOROFORM IS LISTED BY IARC AND NTP AS
POSSIBLY CARCINOGENIC TO HUMANS.
Effects of Overexposure:INHALATION:CAUSES RESPIRATORY TRACT
IRRITATION,DIZZINESS,CNS DEPRESSION/DAMAGE. INGESTION:MAY CAUSE
NAUSEA, VOMITING,
AND DIARRHEA AND POSSIBLY UNCONSCIOUSNESS/DEATH.
EYES/SKIN:CAUSES PAIN AND IRRITATI ON ON CONTACT.VAPORS MAY CAUSE
TEARS/IRRITATION.PROLONGED/ REPEATED CONTACT CAUSES IRRITATION AND
LEAD TO DERMATITIS.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASE IN OR A HISTORY OF AILMENTS INVOLVING THE LIVER, KIDNEY,
SKIN, CNS, OR REPRODUCTIVE SYSTEM ARE AT A GREATER THAN NORMAL RISK
WHEN EXPOSED TO THIS MATERIAL.

===== First Aid Measures

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First Aid:INHALATION: REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE CPR.IF
BREATHING IS DIFFICULT,GIVE OXYGEN.CALL A PHYSICIAN. EYE:FLUSH
IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.GET MEDICAL
ATTENTION . SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND
WATER PROMPTLY. INGESTION:DO NOT INDUCE VOMITING.IF CONSCIOUS,GIVE
2-3 GLASSES OF WATER.CALL PHYSICIAN.NOTHING BY MOUTH TO UNCONSCIOUS
PERSON.

===== Fire Fighting Me

asures =====

Flash Point:NONE

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. STOP LEAK IF YOU CAN DO WITHOUT RISK. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE KNOWN

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN SECURE POISON AREA.

Other Precau

tions:AVOID CONTACT WITH SKIN & CLOTHING.PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.STORE IN A DARK PLACE AWAY FROM DIRECT SUNLIGHT & MOISTURE.WEAR SAFETY GLASSES,SELF-CONT.BREATHING APPARATUS,GLOVE

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

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS ABOVE 10 PPM, A SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:LOCAL OR GENERAL AS REQD

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES, FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING.

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

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:142F/61C

Vapor Pres:160 MMHG

Vapor Density:4.12

Spec Gravity:1.47

Evaporation Rate & Reference:1.18

(BUAC=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH PLEASANT, SWEET ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:CHLORINE, OXIDES OF CHLORIDE, HYDROGEN
CHLORIDE, PHOSGENE

===== Disposal Consideration

s =====

Waste Disposal Methods:FOR DISPOSAL, COMPLY WITH LOCAL, STATE AND
FEDERAL REGULATIONS. IT IS RCRA HAZ WASTE. COMPLY WITH EPA
REGULATIONS TO PROCESS FOR DISPOSAL.

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