

J T BAKER -- CARBON TETRACHLORIDE, 1512 -- 6810-00N068243

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

Product ID:CARBON TETRACHLORIDE, 1512
MSDS Date:02/25/1993
FSC:6810
NIIN:00N068243
MSDS Number: CBWZF
=== Responsible Party ===
Company Name:J T BAKER
Address:222 RED SCHOOL LANE
City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Info Phone Num:800-582-2537
Emergency Phone Num:800-424-8802;800-424-9300(CHEMTREC)
CAGE:D0811

=== Contractor Identification ===

Company Name:J T BAKER
Address:222 RED SCHOOL LANE
Box:City:PHILLIPSBURG
State:NJ
ZIP:08865
Country:US
Phone:908-859-2151
CAGE:D0811
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:CARBON TETRACHLORIDE (SARA 313) (CERCLA)
CAS:56-23-5
RTECS #:FG4900000
Fraction by Wt: 99-100%
OSHA PEL:10 PPM
ACGIH TLV:5 PPM;10 STEL, S
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS
Ozone Depleting Chemical:1

Ingred Name:SUPP DATA:ADSORBENT IS RECOMMENDED FOR SPILLS OF THIS
PRODUCT.
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:IS SUBSTANCE WHICH HARMS PUBLIC HLTH & ENVIRON
BY DESTROYING OZONE IN UPPER ATM. MAY BE FATAL IF (ING 4)
RTECS #:9999999ZZ

Ingred Name:ING 3:SWALLOWED/INHALED. EXCEPTIONAL HLTH & CONT HAZS.
BEFORE USING, READ MSDS FOR THIS MATL. NOTE:REPORTED AS (ING 5)
RTECS #:9999999ZZ

Ingred Name:ING 4:CAUSING CANCER IN LAB ANIMALS. EXERCISE DUE CARE.
NOT FOR HOUSEHOLD USE. HARMFUL IF ABSORBED THRU SKIN. (ING 6)
RTECS #:9999999ZZ

Ingred Name:ING 5:NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF
ARC WELDING, OPEN FLAMES/HOT SURFS. HEAT &/OR UV (ING 7)
RTECS #:9999999ZZ

Ingred Name:ING 6:RADIA MAY CAUSE FORM OF HCL &/OR PHOSGENE .
RTECS #:9999999ZZ

Ingred Name:OTHER PROT EQUIP:NOTE:WHEN HNDLG LIQ PRODS, SECONDARY PROT
CNTNRS MUST BE USED FOR CARRYING.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 2800 MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL:IS HARMFUL & MAY BE FATAL.
HDCH, NAUS, VOMIT, DIZZ, DROW, IRRIT OF UPPER RESP TRACT, UNCON.
SKIN CONT:IRRIT, PRLNG CONT MAY CAUSE DERM. EYE CONT:IRRIT, MAY
CAUSE TEMPORARY CORNEAL DMG. SKI N ABSORPTION:RAPID ABSORPTION.
INGEST:IS HARMFUL & MAY BE FATAL. HDCH, NAUS, VOMIT, DIZZ, GI
IRRIT, (EFTS OF OVEREXP)
Explanation of Carcinogenicity:CARBON TETRACHLORIDE:IARC MONOGRAPHS,
SUPP, VOL 7, PG 143, 1987:GRP 2B. NTP 7TH ANNUAL RPT ON CARCINS,
1994:(SUPP DATA)
Effects of Overexposure:HLTH HAZ:BLURRED VISION, LOW BLOOD PRESS.
CHRONIC:KIDNEY/LIVER DMG. TARGET ORGANS:CNS, EYES, SKIN, LUNGS,
LIVER, KIDNEYS. WARNING:THIS PROD IS CHEM KNOWN TO STATE OF
CALIFORNIA TO CAUSE CANCER. CHLORO CARBON MATLS HAVE PRDCD SENSIT
OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR
EFTS IN HUMANS. (SUPDAT)
Medical Cond Aggravated by Exposure:LIVER DISORDERS, KIDNEY DISORDERS,
ALCOHOLISM, CENTRAL NERVOUS SYSTEM DISORDERS.

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

First Aid:INGEST:CALL MD. IF SWALLOWED, DO NOT INDUCE VOMIT.
INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG
IS DFCLT, GIVE OXYG. PROMPT ACTION IS ESSNTL. SKIN:IMMED FLUSH
W/PLENTY OF WATER FO R AT LST 15 MINS WHILE REMOVING CONTAM CLTHG &
SHOES. WASH CLTHG BEFORE RE-USE. EYE:IMMED FLUSH W/PLENTY OF WATER
FOR AT LST 15 MINS.

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

Flash Point Method:CC
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA &
FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY
INCLUDE HCL & PHOSGENE .

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

Spill Release Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT CLTHG.
STOP LEAK IF YOU CAN DO SO W/OUT RISK. USE WATER SPRAY TO REDUCE
VAPS. TAKE UP W/SAND OR OTHER NON-COMBUST ABSORB MATL & PLACE INTO
CNTNR FOR LATER DISP. FLUSH SPILL AREA W/WATER. J.T. BAKER (SUPP
DATA)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD. STORE IN SECURE POIS AREA. ISOLATE FROM INCOMPAT MATLS. DO NOT GET IN EYES, ON SKIN, ON CLTHG. DO NOT BREATHE VAPOR.

Other Precautions:USE W/ADEQ VENT. VERY TOX BY INHAL & IN CONT W/SKIN. POSS RISKS OF IRREVERSIBLE EFTS. KEEP OUT OF REACH OF CHILDREN. IN CASE OF ACCIDENT/IF YOU FEEL UNWELL, SEEK MED ADVICE IMMED (SHOW LBL WHERE POSS) . WARNING:CARBON TETRACHLORIDE (ING 3)

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORY PROTECTION REQUIRED IF AIRBORNE CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS ABOVE 5 PPM, A NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS. VENT HOOD.

Protective Gloves:POLYVINYL ALCOHOL GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . UNIFORM, PROT SUIT. LAB COAT & APRON. (ING 8)

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MATLS TO AVOID:FORMAMIDE, FLUORINE, STRONG BASES. EXPLAN OF CARCIN:ANTIC TO BE CARCIN. HUMAN:LIVER, KIDNEYS, LUNG DMG. EFTS OF OVEREXP:ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBONS . SPILL PROC:SOLUSORB SOLV (ING 2)

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

Boiling Pt:B.P. Text:171F,77C

Melt/Freeze Pt:M.P/F.P Text:-9F,-23C

Vapor Pres:91 @ 20C

Vapor Density:5.3

Spec Gravity:1.59 (H*20=1)

Solubility in Water:NEGLIGIBLE (<0.1%)

Appearance and Odor:CLEAR, COLORLESS LIQUID; CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALI METALS, SODIUM, POTASSIUM, CHEMICALLY ACTIVE METALS, STRONG OXIDIZING AGENTS, ALLYL ALCOHOL, DIMETHYL (SUPDAT)

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

Hazardous Decomposition Products:HYDROGEN CHLORIDE, CHLORINE, PHOSGENE.

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER:U211 (TOXIC WASTE).

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.