

BURDICK AND JACKSON DIV OF BAXTER HEALTHCARE CORP. -- METHYLENE CHLORIDE --
6810-00-122-3963

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

Product ID:METHYLENE CHLORIDE

MSDS Date:01/01/1988

FSC:6810

NIIN:00-122-3963

MSDS Number: BXXXR

=== Responsible Party ===

Company Name:BURDICK AND JACKSON DIV OF BAXTER HEALTHCARE CORP.

Address:1953 S HARVEY STREET

City:MUSKEGON

State:MI

ZIP:49442-6101

Country:US

Info Phone Num:616-726-3171

Emergency Phone Num:616-726-3171, CHEMTREC 8

00-424-9300

CAGE:2H215

=== Contractor Identification ===

Company Name:HONEYWELL, BURDICK AND JACKSON

Address:1953 S HARVEY STREET

Box:City:MUSKEGON

State:MI

ZIP:49442-6101

Country:US

Phone:800-368-0050/800-707-4555

CAGE:2H215

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

Ingred Name:METHYLENE CHLORIDE

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: CA 100%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== Hazards Identifica

tion =====

LD50 LC50 Mixture:TLV=50 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION-EXPOSURE TO VAPORS CAN ELEVATE CARBOXYHEMOGLOBIN LEVELS IN THE CARDIOVASCULAR SYSTEM. EYE-LIQUID & HIGH VAPOR CONCENTRATIONS CAN CAUSE PAIN & IRRITATION WITH SLIGHT CORNEAL INJURY POSSIBLE. SKIN-PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE IRRITATION & DERMATITIS THROUGH DEFATTING OF SKIN.

Explanation of Carcinogenicity:LISTED AS A SUSPECTED CARCINOGEN BY IARC (2B) AND NTP (AC).

Effects of Overexposure:INHALATION-EXPOSURE CAN CAUSE LIGHT-HEADEDNESS, VERTIGO, DROWSINESS, NARCOSIS, HEADACHE AND DIZZINESS, UNCONSCIOUSNESS AND EVEN DEATH IN EXTREME CASES. INGESTION-CAN CAUSE BURNING OF THROAT AND MOUTH.

Medical Cond Aggravated by Exposure:PRECLUDE FROM EXPOSURE INDIVIDUALS WITH DISEASE OF LIVER, KIDNEY, CARDIOVASCULAR & CENTRAL NERVOUS

SYSTEM & HEAVY SMOKERS. SIMULTANEOUS EXPOSURE TO METHYLENE CHLORIDE AND ALCOHOL CAN INCREASE HAZARDS.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF THERE IS NO PULSE, GIVE CPR. CALL A PHYSICIAN. EYE:RINSE WITH WATER FOR 15 MINUTES. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER. CALL PHY SICIAN FOR ASSISTANCE. INGESTION:CALL LOCAL POISON CONTROL CENTER FOR ASSISTANCE. CONTACT PHY SICIAN IMMEDIATELY. NEVER INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:556C

Lower Limits:12

Upper Limits:19

Extinguishing Media:NON-FLAMMABLE MATERIAL. USE DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER SPRAY AS APPROPRIATE FOR SURROUNDING FIRE/MATERIL

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING & SELF-CON

TAINED

BREATHING APPARATUS. HEAT WILL BUILD PRESSURE & RUPTURE CLOSED STORAGE CONTAINERS. COOL CONTAINER WITH WATER SPRAY

Unusual Fire/Explosion Hazard:CONCENTRATED VAPOR CAN BE IGNITED BY HIGH HEAT SOURCE OR FLAME. TOXIC OR CORROSIVE GASES ARE FORMED ON CONTACT WITH FLAMES OR HOT GLOWING SURFACES.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING & USE APPROVED RESPIRATOR EQUIPMENT. ABSORB SPILLED MATERIAL IN AN ABSORBENT

RECOMMENDED FOR SOLVENT SPILLS & REMOVE TO A SAFE LOCATION FOR DISPOSAL BY APPROVED METHODS. CERCL A REPORTABLE QUANTITY: 1000 POUNDS.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:PROTECT FROM MOISTURE, TEMPERATURE AND DIRECT SUNLIGHT. IN GENERAL STORE IN AN COLL, WELL VENTILATED AND SECURE TOXIC STORAGE ROOM.

Other Precautions:METHYLENE CHLORIDE VAPORS ARE HEAVIER THAN AIR AND

WILL COLLECT IN LOW AREAS. THIS MATERIAL OR ITS VAPORS WHEN IN CONTACT WITH FLAMES, HOT GLOWING SURFACES OR ELECTRIC ARCS CAN DECOMPOSE TO FORM HYDRO GEN CHLORIDE GAS AND TRACES OF PHOSGENE.

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

Respiratory Protection:USE APPROVED RESPIRATOR EQUIPMENT. FOLLOW NIOSH AND EQUIPMENT MANUFACTURERS RECOMMENDATIONS TO DETERMINE APPROPRIATE EQUIPMENT.

Ventilation:ADEQUATE VENTILATION IS REQUIRED TO PROTECT PERSONNEL FROM

EXPOSURE TO CHEMICAL VAPOR EXCEEDING THE PEL & MINIMIZE FIRE.

Protective Gloves:VITON, PVA OR NEOPRENE GLOVES.

Eye Protection:SAFETY GLASSES, GOGGLES, FACE SHIELD.

Other Protective Equipment:PROTECTIVE GLOVES AND CLOTHING ARE RECOMMENDED. EMERGENCY EYEWASH FOUNTAIN & SAFETY SHOWERS SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.

Supplemental Safety and Health

HAZARDOUS WAS

TE NUMBER: U080 (TOXIC); F002 (TOXIC).

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

HCC:T4

Boiling Pt:B.P. Text:102F,39C

Melt/Freeze Pt:M.P/F.P Text:203F,95C

Vapor Pres:350 MMHG

Vapor Density:2.9

Spec Gravity:1.33

Evaporation Rate & Reference:CA. 0.7 (ETHER=1)

Solubility in Water:1.6%

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH A SWEET ETHER-LIKE
ODOR.

Percent Volatiles by Volume:CA 100

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

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Stability Indicator/Materials to Avoid:YES

ACTIVE METALS AND STRONG ALKALINE SOLUTIONS.

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES, OPEN
CONTAINERS, POOR VENTILATION, AND MOISTURE.

Hazardous Decomposition Products:PHOSGENE, HYDROGEN CHLORIDE AND
CHLORINE.

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

Waste Disposal Methods:DISPOSE OF METHYLENE CHLORIDE AS AN EPA
HAZARDOUS WASTE. CONTACT STATE ENVIRONMENTAL AGENCY FOR LISTING OF
LICENSED HAZ
ARDOUS WASTE DISPOSAL FACILITIES & APPLICABLE
REGULATIONS.

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