

METHYLENE CHLORIDE INDUSTRIAL GRADE

MSDS Number

BJPQW

National Stock Number

6810-00-122-3963

Product Name

METHYLENE CHLORIDE INDUSTRIAL GRADE

Manufacturer

ASHLAND CHEMICAL INC

Product Identification

Product ID:METHYLENE CHLORIDE INDUSTRIAL GRADE

MSDS Date:12/22/1988

FSC:6810

NIIN:00-122-3963

MSDS Number: BJPQW

Responsible Party

ASHLAND CHEMICAL, INC.

COLUMBUS , OH 43216-2219

US

Emergency Phone: 800-274-5263

Info Phone: 614-889-3333

Cage: 34897

Contractor

SANCHEZ & ASSOCIATES

1649

COLTON (MAY BE OUT OF BUSINESS !), CA 92324

US

714-370-3921/FAX824-0341 ALL WRONG#

Cage: OHF19

Ingredients

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 100%

OSHA PEL500 PPM/C,1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

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

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

Health Hazards Acute and Chronic:EYES:CAN CAUSE IRRITATION. SKIN:CAN CAUSE IRRITATION. INHALATION:EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION AND EVEN DEATH. INGESTION: CAN CAUSE GASTROINTESTINAL

IRRITATION.

Explanation of Carcinogenicity:NTP:SUBSTANCE MAY REASONABLY BE ANTICIPATED TO BE A CARCINOGEN. IARC:INADEQUATE EVIDENCE.

OSHA:NONE.

Effects of Overexposure:INHALATION:DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POSSIBLE UNCONSCIOUSNESS. INGESTION:NAUSEA, VOMITING AND DIARRHEA.*CHRONIC OVEREXPOSURE TO METHYLENE CHLORIDE CAN RAISE THE LEVEL OF CARBO N MONOXIDE IN THE BLOOD CAUSING CARDIOVASCULAR STRESS. SEE SUPPLIMENTAL DATA.

First Aid

First Aid:SKIN:THOROUGHLY WASH WITH WATER AND SOAP. REMOVE CONTAMINATED CLOTHING. EYES:FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING. I MMEDIATELY DRINK TWO GLASSES OF WATER ONLY IF CONSCIOUS. CALL PHYSICIAN OR TRANSPORT TO AN EMERGENCY FACILITY. INHALATION:REMOVE INDIVIDUAL TO FRESH AIR. GIVE OXYGEN IF NECESSARY. SEEK MEDICAL CARE.

Fire Fighting

Flash Point:NONE

Lower Limits:13

Upper Limits:23

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

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE DEMAND MODE WHEN FIGHTING FIRES.

Accidental Release

Spill Release Procedures:SMALL:ABSORB ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER MATERIAL AND TRANSFER TO HOOD. LARGE:STOP SPILL AT SOURCE.PUMP LIQUID TO A STORAGE TANK. ABSORB REMAINING MATERIAL WITH SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.

Handling

Handling and Storage Precautions:AVOID BREATHING VAPOR OR MIST. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. AVOID CONTACT WITH ALUMINUM ARTICLES.

Other Precautions:IN CASE OF INGESTION OR INHALATION, DO NOT GIVE STIMULANTS. EPINEPHRINE OR EPHEDRINE MAY ADVERSELY AFFECT THE HEART WITH FATAL RESULTS.

Exposure Controls

Respiratory Protection:IF WORKPLACE EXPOSURE LIMITS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN LEVELS BELOW TLV.

Protective Gloves:WAER RESISTANT GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHES ANS BOOTS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OVEREXPOSURE TO THIS MATERIAL HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: LIVER ABNORMALITIES AND LUNG DAMAGE.

Chemical Properties

HCC:T4

Boiling Pt:B.P. Text:104F,40C

Vapor Pres:355

Vapor Density:2.9

Spec Gravity:1.32

Evaporation Rate & Reference:1.8 (ETHYL ETHER=1)

Solubility in Water:NON-SOLUBLE

Appearance and Odor:CLEAR COLOR, MILD ODOR

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH ALUMINUM.

Stability Condition to Avoid: HIGH TEMPERATURES

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE,
HYDROGEN CHLORIDE AND/OR PHOSGENE.

Disposal

Waste Disposal Methods: SMALL: ALLOW VOLATILE PORTION TO EVAPORATE UNDER HOOD. DISPOSE OF REMAINING MATERIAL. LARGE: DESTROY BY INCINERATION WITH OFF-GAS SCRUBBER. CONTAMINATED ABSORBENTS MAY BE DISPOSED OF IN AN APPROVED LAND FILL. DISPOSE OF IN ACCORDANCE WITH REGULATIONS.

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