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S A F E T Y D A T A S H E E T

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #:	00758
NAME:	Dichloromethane
SYNONYMS:	Methylene chloride
24 HOUR EMERGENCY TELEPHONE:	(800) 535-5053(USA) 352-323-3500 (INTERNATIONAL)
TO REQUEST AN MSDS:	(800) 869-9290
CUSTOMER SERVICE:	(630) 766-2112

SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)

SKIN IRRITATION (CATEGORY 2), H315

EYE IRRITATION (CATEGORY 2A), H319

CARCINOGENICITY (CATEGORY 2), H351

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (CATEGORY 3), CENTRAL
NERVOUS SYSTEM, H336

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE
SECTION 16.

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

PICTOGRAM



SIGNAL WORD

WARNING

HAZARD STATEMENT(S)

H315	CAUSES SKIN IRRITATION.
H319	CAUSES SERIOUS EYE IRRITATION.
H336	MAY CAUSE DROWSINESS OR DIZZINESS.
H351	SUSPECTED OF CAUSING CANCER.

PRECAUTIONARY STATEMENT(S)

P201	OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
P202	DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.
P261	AVOID BREATHING MIST OR VAPORS.
P264	WASH SKIN THOROUGHLY AFTER HANDLING.
P271	USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.
P280	WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION.
P302 + P352	IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
P304 + P340 + P312	IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/ DOCTOR IF YOU FEEL UNWELL.
P305 + P351 + P338	IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
P308 + P313	IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ ATTENTION.
P332 + P313	IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ ATTENTION.
P337 + P313	IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.
P362	TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.
P403 + P233	STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED.
P405	STORE LOCKED UP.
P501	DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

**HAZARDS NOT
OTHERWISE
CLASSIFIED (HNOC)
OR NOT COVERED
BY GHS**

NONE

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MF: CH₂Cl₂
MW: 84.93
CAS-NO. 75-09-2
PURITY: ≥ 99.5% (GC)

HAZARDOUS COMPONENTS

COMPONENT	CLASSIFICATION	CONCENTRATION
DICHLOROMETHANE		
	-	>= 80 - <= 100

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

SECTION 4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	SHOW THIS MATERIAL SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.
IF INHALED	AFTER INHALATION: FRESH AIR. CALL IN PHYSICIAN.
IN CASE OF SKIN CONTACT	IN CASE OF SKIN CONTACT: TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/ SHOWER. CONSULT A PHYSICIAN.
IN CASE OF EYE CONTACT	AFTER EYE CONTACT: RINSE OUT WITH PLENTY OF WATER. CALL IN OPHTHALMOLOGIST. REMOVE CONTACT LENSES.
IF SWALLOWED	AFTER SWALLOWING: IMMEDIATELY MAKE VICTIM DRINK WATER (TWO GLASSES AT MOST). CONSULT A PHYSICIAN.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED	THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	NO DATA AVAILABLE

SECTION 5. FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA
USE EXTINGUISHING MEASURES THAT ARE
APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE
SURROUNDING ENVIRONMENT.

UNSUITABLE EXTINGUISHING MEDIA
FOR THIS SUBSTANCE/MIXTURE NO LIMITATIONS OF
EXTINGUISHING AGENTS ARE GIVEN.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

NOT COMBUSTIBLE.
AMBIENT FIRE MAY LIBERATE HAZARDOUS VAPOURS.
CARBON OXIDES
HYDROGEN CHLORIDE GAS

ADVICE FOR FIREFIGHTERS

STAY IN DANGER AREA ONLY WITH SELF-CONTAINED
BREATHING APPARATUS. PREVENT SKIN CONTACT BY
KEEPING A SAFE DISTANCE OR BY WEARING SUITABLE
PROTECTIVE CLOTHING.

FURTHER INFORMATION

SUPPRESS (KNOCK DOWN) GASES/VAPORS/MISTS WITH
A WATER SPRAY JET. PREVENT FIRE EXTINGUISHING
WATER FROM CONTAMINATING SURFACE WATER OR
THE GROUND WATER SYSTEM.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

ADVICE FOR NON-EMERGENCY PERSONNEL: DO NOT
BREATHE VAPORS, AEROSOLS. AVOID SUBSTANCE
CONTACT. ENSURE ADEQUATE VENTILATION.
EVACUATE THE DANGER AREA, OBSERVE EMERGENCY
PROCEDURES, CONSULT AN EXPERT. ADVICE FOR
EMERGENCY RESPONDERS: FOR PERSONAL
PROTECTION SEE SECTION 8

ENVIRONMENTAL PRECAUTIONS

DO NOT LET PRODUCT ENTER DRAINS.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

COVER DRAINS. COLLECT, BIND, AND PUMP OFF SPILLS.
OBSERVE POSSIBLE MATERIAL RESTRICTIONS (SEE
SECTIONS 7 AND 10). DISPOSE OF PROPERLY. CLEAN UP
AFFECTED AREA.

REFERENCE TO OTHER SECTIONS

FOR DISPOSAL SEE SECTION 13.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

WORK UNDER HOOD. DO NOT INHALE SUBSTANCE/MIXTURE. AVOID GENERATION OF VAPOURS/AEROSOLS.
FOR PRECAUTIONS SEE SECTION 2.2.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

TIGHTLY CLOSED.
KEEP IN A WELL-VENTILATED PLACE.
KEEP LOCKED UP OR IN AN AREA ACCESSIBLE ONLY TO QUALIFIED OR AUTHORIZED PERSONS.

HEAT SENSITIVE.
STORE UNDER INERT GAS.

STORAGE CLASS : 6.1D, NON-COMBUSTIBLE, ACUTE TOXIC CAT.3 / TOXIC HAZARDOUS MATERIALS OR HAZARDOUS MATERIALS CAUSING CHRONIC EFFECTS

STORE AT RT

SPECIFIC END USE(S)

APART FROM THE USES MENTIONED IN SECTION 1.2 NO OTHER SPECIFIC USES ARE STIPULATED.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS**COMPONENTS WITH WORKPLACE CONTROL PARAMETERS**

COMPONENT	CAS-NO.	VALUE	CONTROL PARAMETERS	BASIS
DICHLOROMETHANE	75-09-2	TWA	50 PPM	ACGIH
		PEL	25 PPM	OSHA CARC
		STEL	125 PPM	OSHA CARC
		ECEL-TWA	2 PPM	TSCA ECEL
		EPA STEL	16 PPM 57 MG/M3	TSCA ECEL

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS

COMPONENT	CAS-NO.	PARAMETERS	PERMISSIBLE CONCENTRATION	BIOLOGICAL SPECIMEN	SAMPLING TIME	BASIS
DICHLOROMETHANE	75-09-2	DICHLOROMETHANE	0.3 MG/L	URINE	END OF SHIFT (AS SOON AS POSSIBLE AFTER EXPOSURE CEASES)	ACGIH BEI

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS	CHANGE CONTAMINATED CLOTHING. WASH HANDS AFTER WORKING WITH SUBSTANCE.
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PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION	USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR EN 166(EU). SAFETY GLASSES
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SKIN PROTECTION	HANDLE WITH GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. USE PROPER GLOVE REMOVAL TECHNIQUE (WITHOUT TOUCHING GLOVE'S OUTER SURFACE) TO AVOID SKIN CONTACT WITH THIS PRODUCT. DISPOSE OF CONTAMINATED GLOVES AFTER USE IN ACCORDANCE WITH APPLICABLE LAWS AND GOOD LABORATORY PRACTICES. WASH AND DRY HANDS.
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BODY PROTECTION	FLAME RETARDANT ANTISTATIC PROTECTIVE CLOTHING.
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RESPIRATORY PROTECTION	REQUIRED WHEN VAPOURS/AEROSOLS ARE GENERATED. FILTER AX (EN 371) THE ENTREPRENEUR HAS TO ENSURE THAT MAINTENANCE, CLEANING AND TESTING OF RESPIRATORY PROTECTIVE DEVICES ARE CARRIED OUT ACCORDING TO THE INSTRUCTIONS OF THE PRODUCER. THESE MEASURES HAVE TO BE PROPERLY DOCUMENTED.
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CONTROL OF ENVIRONMENTAL EXPOSURE	DO NOT LET PRODUCT ENTER DRAINS. RISK OF EXPLOSION.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	CLEAR FREE OR CLEAR, COLORLESS LIQUID
ODOUR	NO DATA AVAILABLE
ODOUR THRESHOLD	NO DATA AVAILABLE
PH	NO DATA AVAILABLE
MELTING	NO DATA AVAILABLE
POINT/FREEZING POINT	
BOILING POINT	NO DATA AVAILABLE
FLASH POINT	NO DATA AVAILABLE
EVAPOURATION RATE	NO DATA AVAILABLE
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	22 %(V) 13 %(V)
VAPOUR PRESSURE	584 HPA (25 °C)
VAPOUR DENSITY	2.93
RELATIVE DENSITY	1.325 G/ML AT 25 °C (LIT.)

WATER SOLUBILITY	13.2 g/l (25 °C)
PARTITION	LOG POW: 1.25 (20 °C)
COEFFICIENT: N- OCTANOL/WATER	METHOD: (EXPERIMENTAL)
AUTO-IGNITION TEMPERATURE	BIOACCUMULATION IS NOT EXPECTED. 556.1 °C
DECOMPOSITION TEMPERATURE	NO DATA AVAILABLE
VISCOSITY	DYNAMIC 0.42 MPA.S (25 °C)
EXPLOSIVE PROPERTIES	NO DATA AVAILABLE
OXIDIZING PROPERTIES	NO DATA AVAILABLE

OTHER SAFETY INFORMATION

NO DATA AVAILABLE

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY	NO DATA AVAILABLE
CHEMICAL STABILITY	SENSITIVITY TO LIGHT THE PRODUCT IS CHEMICALLY STABLE UNDER STANDARD AMBIENT CONDITIONS.
POSSIBILITY OF HAZARDOUS REACTIONS	RISK OF EXPLOSION WITH: ALKALI METALS NITROGEN OXIDES NITROGEN DIOXIDE POTASSIUM SODIUM AZIDE PERCHLORIC ACID NITRIC ACID ALUMINIUM CHLORIDE AMINES OXYGEN (AS LIQUEFIED GAS) POWDERED ALUMINIUM SODIUM AROMATIC HYDROCARBONS WITH POWDERED ALUMINIUM EXOTHERMIC REACTION WITH: ALKALINE EARTH METALS POWDERED METALS AMIDES ALCOHOLATES NONMETALLIC OXIDES POTASSIUM TERT-BUTANOLATE SODIUM AMIDE LITHIUM
CONDITIONS TO AVOID	NO DATA AVAILABLE

**INCOMPATIBLE
MATERIALS**

NO DATA AVAILABLE

**HAZARDOUS
DECOMPOSITION
PRODUCTS**

IN THE EVENT OF FIRE: SEE SECTION 5

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

LD50 ORAL - RAT - MALE AND FEMALE - > 2,000 MG/KG
(OECD TEST GUIDELINE 401)

LC50 INHALATION - MOUSE - 4 H - 86 MG/L - VAPOR
REMARKS: (ECHA)
SYMPTOMS: POSSIBLE DAMAGES: MUCOSAL
IRRITATION

LD50 DERMAL - RAT - MALE AND FEMALE - > 2,000
MG/KG
(OECD TEST GUIDELINE 402)

NO DATA AVAILABLE

**SKIN
CORROSION/IRRITATION**

SKIN - RABBIT
RESULT: IRRITATIONS - 4 H
(OECD TEST GUIDELINE 404)
REMARKS: REPEATED OR PROLONGED EXPOSURE MAY
CAUSE SKIN IRRITATION AND DERMATITIS, DUE TO
DEGREASING PROPERTIES OF THE PRODUCT.

**SERIOUS EYE
DAMAGE/EYE
IRRITATION**

EYES - RABBIT
RESULT: EYE IRRITATION
REMARKS: (ECHA)
REMARKS: RISK OF CORNEAL CLOUDING.

**RESPIRATORY OR SKIN
SENSITISATION**

LOCAL LYMPH NODE ASSAY (LLNA) - MOUSE
RESULT: NEGATIVE
(OECD TEST GUIDELINE 429)

**GERM CELL
MUTAGENICITY**

TEST TYPE: MUTAGENICITY (MAMMAL CELL TEST):
CHROMOSOME ABERRATION.

TEST SYSTEM: CHINESE HAMSTER OVARY CELLS

METABOLIC ACTIVATION: WITH AND WITHOUT
METABOLIC ACTIVATION

METHOD: OECD TEST GUIDELINE 473

RESULT: POSITIVE

TEST TYPE: AMES TEST

TEST SYSTEM: SALMONELLA TYPHIMURIUM

METABOLIC ACTIVATION: WITH AND WITHOUT
METABOLIC ACTIVATION

METHOD: OECD TEST GUIDELINE 471

RESULT: POSITIVE

TEST TYPE: IN VIVO MICRONUCLEUS TEST

SPECIES: MOUSE

CELL TYPE: BONE MARROW

APPLICATION ROUTE: GAVAGE

METHOD: OECD TEST GUIDELINE 474

RESULT: NEGATIVE

CARCINOGENICITY

SUSPECTED OF CAUSING CANCER.

IARC:

2A - GROUP 2A: PROBABLY CARCINOGENIC TO HUMANS

NTP:

RAHC - REASONABLY ANTICIPATED TO BE A HUMAN
CARCINOGEN

OSHA:

OSHA SPECIFICALLY REGULATED CARCINOGEN

**REPRODUCTIVE
TOXICITY**

NO DATA AVAILABLE

**SPECIFIC TARGET
ORGAN TOXICITY -
SINGLE EXPOSURE**

INHALATION - MAY CAUSE DROWSINESS OR DIZZINESS.
- CENTRAL NERVOUS SYSTEM

**SPECIFIC TARGET
ORGAN TOXICITY -
REPEATED EXPOSURE**

NO DATA AVAILABLE

ASPIRATION HAZARD

NO DATA AVAILABLE

**ADDITIONAL
INFORMATION**

REPEATED DOSE TOXICITY - RAT - MALE AND FEMALE -
ORAL - 104 WEEKS - NOAEL (NO OBSERVED
ADVERSE EFFECT LEVEL) - 6 MG/KG

REPEATED DOSE TOXICITY - RAT - MALE AND FEMALE -
INHALATION - 104 WEEKS

RTECS: PA8050000

DIZZINESS, NAUSEA, VOMITING, NARCOSIS, COUGH,
IRRITANT EFFECTS, UNCONSCIOUSNESS, SHORTNESS
OF BREATH, RESPIRATORY PARALYSIS, SOMNOLENCE,
DEPRESSED RESPIRATION, CNS DISORDERS,
INEBRIATION

RISK OF CORNEAL CLOUDING.

THE FOLLOWING APPLIES TO ALIPHATIC
HALOGENATED HYDROCARBONS IN GENERAL:
SYSTEMIC EFFECT: NARCOSIS, CARDIOVASCULAR
DISORDERS. TOXIC EFFECT ON LIVER, KIDNEYS.

DICHLOROMETHANE IS METABOLIZED IN THE BODY
PRODUCING CARBON MONOXIDE WHICH INCREASES
AND SUSTAINS CARBOXYHEMOGLOBIN LEVELS IN THE
BLOOD, REDUCING THE OXYGEN-CARRYING CAPACITY
OF THE BLOOD.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL,
PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE
NOT BEEN THOROUGHLY INVESTIGATED.

SYSTEMIC EFFECTS:
AFTER ABSORPTION OF LARGE QUANTITIES:
CNS DISORDERS
DROWSINESS
DIZZINESS
DROP IN BLOOD PRESSURE
CARDIAC IRREGULARITIES
DEPRESSED RESPIRATION
INEBRIATION
UNCONSCIOUSNESS
NARCOSIS

SWALLOWING MAY RESULT IN DAMAGE TO THE
FOLLOWING:

LIVER
KIDNEY

THE FOLLOWING APPLIES TO ALIPHATIC
HALOGENATED HYDROCARBONS IN GENERAL:
SYSTEMIC EFFECT: NARCOSIS, CARDIOVASCULAR
DISORDERS. TOXIC EFFECT ON LIVER, KIDNEYS.

OTHER DANGEROUS PROPERTIES CAN NOT BE
EXCLUDED.

THIS SUBSTANCE SHOULD BE HANDLED WITH
PARTICULAR CARE.

STOMACH - IRREGULARITIES - BASED ON HUMAN
EVIDENCE

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY

TOXICITY TO FISH

LC50 (PIMEPHALES PROMELAS (FATHEAD MINNOW)):

193.00 MG/L

END POINT: MORTALITY

EXPOSURE TIME: 96 H

TEST TYPE: FLOW-THROUGH TEST

ANALYTICAL MONITORING: YES

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES

REMARKS: (ECHA)

LC50 (DAPHNIA MAGNA (WATER FLEA)): 27 MG/L

END POINT: MORTALITY

EXPOSURE TIME: 48 H

TEST TYPE: STATIC TEST

TOXICITY TO FISH (CHRONIC TOXICITY)

METHOD: US-EPA

LC50 (PIMEPHALES PROMELAS (FATHEAD MINNOW)):
471 MG/L

END POINT: MORTALITY

EXPOSURE TIME: 8 D

TEST TYPE: FLOW-THROUGH TEST

ANALYTICAL MONITORING: YES

TOXICITY TO MICROORGANISMS

REMARKS: (ECHA)

EC50 (ACTIVATED SLUDGE): 2,590 MG/L

EXPOSURE TIME: 40 MIN

TEST TYPE: STATIC TEST

ANALYTICAL MONITORING: YES

METHOD: OECD TEST GUIDELINE 209

PERSISTENCE AND DEGRADABILITY

BIODEGRADABILITY**AEROBIC**

INOCULUM: ACTIVATED SLUDGE, NON-ADAPTED

CONCENTRATION: 5 MG/L

RESULT: READILY BIODEGRADABLE.

BIODEGRADATION: 68 %

EXPOSURE TIME: 28 D

METHOD: OECD TEST GUIDELINE 301D

GLP: YES

BIOACCUMULATIVE POTENTIAL**BIOACCUMULATION**

SPECIES: CYPRINUS CARPIO (CARP)

BIOCONCENTRATION FACTOR (BCF): 2 - 5.4

EXPOSURE TIME: 6 WEEKS

CONCENTRATION: 250 µG/L

METHOD: OECD TEST GUIDELINE 305

GLP: YES

SPECIES: CYPRINUS CARPIO (CARP)

BIOCONCENTRATION FACTOR (BCF): 6 - 40

EXPOSURE TIME: 6 WEEKS

CONCENTRATION: 25 µG/L

METHOD: OECD TEST GUIDELINE 305

GLP: YES

PARTITION COEFFICIENT:
NOCTANOL/WATER

LOG POW: 1.25 (20 °C)

PH: 7

METHOD: (EXPERIMENTAL)

REMARKS: BIOACCUMULATION IS NOT EXPECTED.

MOBILITY IN SOIL

NO DATA AVAILABLE

**RESULTS OF PBT AND
VPVB ASSESSMENT**SUBSTANCE IS NOT PERSISTENT, BIOACCUMULATIVE,
AND TOXIC (PBT). SUBSTANCE IS NOT VERY
PERSISTENT AND VERY BIOACCUMULATIVE (VPVB).SUBSTANCE DOES NOT MEET THE CRITERIA FOR PBT
OR VPVB ACCORDING TO REGULATION (EC) NO
1907/2006, ANNEX XIII.**OTHER ADVERSE
EFFECTS**

NO DATA AVAILABLE

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

PRODUCT	WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH THE NATIONAL AND LOCAL REGULATIONS. LEAVE CHEMICALS IN ORIGINAL CONTAINERS. NO MIXING WITH OTHER WASTE. HANDLE UNCLEARED CONTAINERS LIKE THE PRODUCT ITSELF.
CONTAMINATED PACKAGING	DISPOSE OF AS UNUSED PRODUCT.

SECTION 14. TRANSPORT INFORMATION

DOT (US)

PROPER SHIPPING NAME:	DICHLOROMETHANE
UN NUMBER:	1593
CLASS:	6.1
PACKING GROUP:	III
REPORTABLE QUANTITY (RQ):	NO
LABELS	DIVISION 6.1 - TOXIC SUBSTANCES
ERG CODE	160
MARINE POLLUTANT	
POISON INHALATION	NO
HAZARD:	

IMDG

PROPER SHIPPING NAME:	DICHLOROMETHANE
UN NUMBER:	1593
CLASS:	6.1
PACKING GROUP:	III
LABELS	6.1
EMS-NO:	F-A, S-A
MARINE POLLUTANT	NO

IATA

PROPER SHIPPING NAME:	DICHLOROMETHANE
UN NUMBER:	1593
CLASS:	6.1
PACKING GROUP:	III
LABELS	DIVISION 6.1 - TOXIC SUBSTANCES
PACKING INSTRUCTION (CARGO AIRCRAFT)	663
PACKING INSTRUCTION (PASSENGER AIRCRAFT)	655

SECTION 15. REGULATORY INFORMATION

CERCLA REPORTABLE QUANTITY

COMPONENTS	CAS-NO.	COMPONENT RQ (LBS)	CALCULATED PRODUCT RQ (LBS)
DICHLOROMETHANE	75-09-2	1000	1000

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY
THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 304 EHS RQ.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES THRESHOLD PLANNING QUANTITY
THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 302 EHS TPQ.

SARA 311/312 HAZARDS ACUTE HEALTH HAZARD
CHRONIC HEALTH HAZARD

SARA 313 THE FOLLOWING COMPONENTS ARE SUBJECT TO
REPORTING LEVELS ESTABLISHED BY SARA TITLE III,
SECTION 313:

DICHLOROMETHANE 75-09-2 >= 90 - <= 100 %

US STATE REGULATIONS

MASSACHUSETTS RIGHT TO KNOW
DICHLOROMETHANE 75-09-2

PENNSYLVANIA RIGHT TO KNOW
DICHLOROMETHANE 75-09-2

MAINE CHEMICALS OF HIGH CONCERN
PRODUCT DOES NOT CONTAIN ANY LISTED CHEMICALS

VERMONT CHEMICALS OF HIGH CONCERN
DICHLOROMETHANE 75-09-2

WASHINGTON CHEMICALS OF HIGH CONCERN
DICHLOROMETHANE 75-09-2

CALIFORNIA PROP. 65
WARNING: THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING
DICHLOROMETHANE, WHICH IS/ARE KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE CANCER. FOR MORE INFORMATION GO TO WWW.P65WARNINGS.CA.GOV.

THE INGREDIENTS OF THIS PRODUCT ARE REPORTED IN THE FOLLOWING INVENTORIES:

TSCA ALL SUBSTANCES LISTED AS ACTIVE ON THE TSCA
INVENTORY

TSCA LIST

NO SUBSTANCES ARE SUBJECT TO A SIGNIFICANT NEW USE RULE.

AFTER FEBRUARY 3, 2025, THIS CHEMICAL SUBSTANCE (AS DEFINED IN TSCA SECTION 3(2))/PRODUCT CANNOT BE DISTRIBUTED IN COMMERCE TO RETAILERS. AFTER JANUARY 28, 2026, THIS CHEMICAL SUBSTANCE (AS DEFINED IN TSCA SECTION 3(2))/PRODUCT IS AND CAN ONLY BE DISTRIBUTED IN COMMERCE OR PROCESSED WITH A CONCENTRATION OF METHYLENE CHLORIDE EQUAL TO OR GREATER THAN 0.1% BY WEIGHT FOR THE FOLLOWING PURPOSES: (1) PROCESSING AS A REACTANT; (2) PROCESSING FOR INCORPORATION INTO A FORMULATION, MIXTURE, OR REACTION PRODUCT; (3) PROCESSING FOR REPACKAGING; (4) PROCESSING FOR RECYCLING; (5) INDUSTRIAL OR COMMERCIAL USE AS A LABORATORY CHEMICAL; (6) INDUSTRIAL OR COMMERCIAL USE AS A BONDING AGENT FOR SOLVENT WELDING; (7) INDUSTRIAL AND COMMERCIAL USE AS A PAINT AND COATING REMOVER FROM SAFETY CRITICAL, CORROSION-SENSITIVE COMPONENTS OF AIRCRAFT AND SPACECRAFT; (8) INDUSTRIAL AND COMMERCIAL USE AS A PROCESSING AID; (9) INDUSTRIAL AND COMMERCIAL USE FOR PLASTIC AND RUBBER PRODUCTS MANUFACTURING; (10) INDUSTRIAL AND COMMERCIAL USE AS A SOLVENT THAT BECOMES PART OF A FORMULATION OR MIXTURE, WHERE THAT FORMULATION OR MIXTURE WILL BE USED INSIDE A MANUFACTURING PROCESS, AND THE SOLVENT (METHYLENE CHLORIDE) WILL BE RECLAIMED; (11) INDUSTRIAL AND COMMERCIAL USE IN THE REFINISHING FOR WOODEN FURNITURE, DECORATIVE PIECES, AND ARCHITECTURAL FIXTURES OF ARTISTIC, CULTURAL OR HISTORIC VALUE UNTIL MAY 8, 2029; (12) INDUSTRIAL AND COMMERCIAL USE IN ADHESIVES AND SEALANTS IN AIRCRAFT, SPACE VEHICLE, AND TURBINE APPLICATIONS FOR STRUCTURAL AND SAFETY CRITICAL NON-STRUCTURAL APPLICATIONS UNTIL MAY 8, 2029; (13) DISPOSAL; AND (14) EXPORT.

THE FOLLOWING SUBSTANCE(S) IS/ARE SUBJECT TO TSCA 12(B) EXPORT NOTIFICATION REQUIREMENTS:

DICHLOROMETHANE

75-09-2

SECTION 16. OTHER INFORMATION

FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

ACGIH	USA. ACGIH THRESHOLD LIMIT VALUES (TLV)
ACGIH BEI	ACGIH - BIOLOGICAL EXPOSURE INDICES (BEI)
OSHA CARC	OSHA SPECIFICALLY REGULATED CHEMICALS/CARCINOGENS
TSCA ECEL	TSCA EXISTING CHEMICAL EXPOSURE LIMIT
ACGIH / TWA	8-HOUR, TIME-WEIGHTED AVERAGE
OSHA CARC / PEL	PERMISSIBLE EXPOSURE LIMIT (PEL)
OSHA CARC / STEL	EXCURSION LIMIT
TSCA ECEL / ECEL-TWA	EXISTING CHEMICAL EXPOSURE LIST (TWA)
TSCA ECEL / EPA STEL	EPA STEL
H315	CAUSES SKIN IRRITATION.
H319	CAUSES SERIOUS EYE IRRITATION.
H336	MAY CAUSE DROWSINESS OR DIZZINESS.
H351	SUSPECTED OF CAUSING CANCER.

MSDS LEGEND

MW: MOLECULAR WEIGHT
MF: MOLECULAR FORMULA
VOC: VOLATILE ORGANIC COMPOUNDS
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL
HYGINISTS
CAS: CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL: PERMISSIBLE EXPOSURE LIMIT (OSHA)
TLV: THRESHOLD LIMIT VALUE (ACGIH)

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VERSION: 3.2

REVISION DATE: 05/08/2025