

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 1 of 14

1.	Identification of the substance/mixture and of the company/undertaking	
1.1.	Product identifier	
	Trade name	: DICHLOROMETHANE AR
	Product code	: 22950
	Identification of the product	: DICHLOROMETHANE AR
	CAS No	: 75-09-2
	EC Index-No.	: 602-004-00-3
	EC No.	: 200-838-9
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Identified uses	: Laboratory chemicals, Manufacture of substances
1.3.	Details of the supplier of the safety data sheet	
	Company identification	MOLYCHEM INDIA LLP Office: Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA) Tel: +91 22 4066 8111, 2205 7772 . Email : info@molychem.net Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.
1.4.	Emergency telephone number	
	Emergency number : +91 22 4066 8111 (10:00am - 6:00 pm)	
2.	Hazards identification	
2.1.	Classification of the substance or mixture	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
	Skin corrosion/irritation, Category 2	H315
	Serious eye damage/eye irritation, Category 2	H319
	Carcinogenicity, Category 2	H351
	Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335
	Specific target organ toxicity – Repeated exposure, Category 2	H373

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 2 of 14

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic if inhaled. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H351 - Suspected of causing cancer.

H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (CLP)

: P260 - Do not breathe dust, fume, gas, mist, spray, vapours

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 3 of 14

3.	Composition/information on ingredients	
3.1.	Substances	
	Name	: DICHLOROMETHANE AR
	CAS-No	: 75-09-2
4.	First aid measures	
4.1.	Description of first aid measures	
	First-aid measures general	: Suspected of causing cancer. IF exposed or concerned: Get medical advice/attention.
	First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or a doctor if you feel unwell.
	First-aid measures after skin contact	: Wash with plenty of water/.... Get immediate medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention
	First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. If eye irritation persists: Get medical advice/attention
	First-aid measures after ingestion	: Rinse mouth out with water. If you feel unwell, seek medical advice. Rinse mouth. Call a poison center or a doctor if you feel unwell.
	First-aid measures for first aider	: First aid workers will be equipped with suitable personal protective equipment.
4.2.	Most important symptoms and effects, both acute and delayed	
	Symptoms/effects	: May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness.
	Symptoms/effects after inhalation	: May cause respiratory irritation. May cause drowsiness or dizziness
	Symptoms/effects after skin contact	: Causes skin irritation. Irritation
	Symptoms/effects after eye contact	: Causes serious eye irritation. Eye irritation.

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 4 of 14

	Symptoms/effects after ingestion	: Harmful if swallowed.
	Chronic symptoms	: Suspected carcinogen.
4.3.	Indication of any immediate medical attention and special treatment needed	
	Treat symptomatically.	
5.	Firefighting measures	
5.1.	Extinguishing media	
	Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam. Water spray.
	Unsuitable extinguishing media	: Do not use extinguishing media containing water.
5.2.	Special hazards arising from the substance or mixture	
	Fire hazard	: No fire hazard.
	Explosion hazard	: No direct explosion hazard.
	Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3	Advice for firefighters	
	Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
	Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing..
6.	Accidental release measures	
6.1.	Personal precautions, protective equipment and emergency procedures	
	General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
6.1.1.	For non-emergency personnel	
	Protective equipment	: Wear recommended personal protective equipment

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 5 of 14

	Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Do not breathe dust, fume, gas, mist, spray, vapours. Avoid contact with skin and eyes.
6.1.2.	For emergency responders	
	Protective equipment	: Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/ personal protection"
	Emergency procedures	: Ventilate area. Evacuate unnecessary personnel. Stop leak if safe to do so.
6.2.	Environmental precautions	
	Avoid release to the environment.	
6.3.	Methods and material for containment and cleaning up	
	For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible
	Methods for cleaning up	: Take up liquid spill into absorbent material. Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Notify authorities if product enters sewers or public waters.
	Other information	: Dispose of materials or solid residues at an authorized site.
6.4.	Reference to other sections	
	For further information refer to section 13.	
7.	Handling and storage	
7.1.	Precautions for safe handling	
	Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust, fume, gas, mist, spray, vapours. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
	Hygiene measures	: Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 6 of 14

		hands after handling the product.
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures	: Keep in a cool, well-ventilated place away from heat.
	Storage conditions	: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in a well-ventilated place. Keep container tightly closed
	Storage away from	: Direct sunlight. Overheating.
7.3.	Specific end use(s)	
	No additional information available	
8.	Exposure controls/personal protection	
8.1.	Control parameters	
	No additional information available	
8.2.	Exposure controls	
8.2.1.	Appropriate engineering controls	
	Ensure good ventilation of the work station.	
8.2.2.	Personal protection equipment	
	Eye protection	: Chemical goggles or safety glasses
	Hand protection	: Wear protective gloves
	Skin protection	: Wear suitable protective clothing
	Respiratory protection	: Wear appropriate mask.
8.2.3	Environmental exposure controls	
	Avoid release to the environment	
9.	Physical and chemical properties	
9.1	Information on basic physical and chemical properties	
	Physical state	: Liquid
	Appearance	: Clear liquid.
	Molecular mass	: 84.93 g/mol
	Colour	: Colourless.
	Odour	: sweet pleasant. chloroform-like odor.
	Odour threshold	: Not available
	pH	: Not available
	Relative evaporation rate	: 0.71
	Melting point	: Not applicable

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 7 of 14

	Freezing point	: -97 °C
	Boiling point	: 39.8 – 40 °C
	Flash point	: Not available
	Auto-ignition temperature	: 556 °C
	Decomposition temperature	: 720 °C
	Flammability (solid, gas)	: Not available
	Vapour pressure	: 435 mm Hg at 25 °C
	Relative vapour density at 20 °C	: 2.9 (Air = 1)
	Relative density	: Not available
	Density	: 1.323-1.325g
	Solubility	: Water: Slightly miscible
	Partition coefficient n-octanol/water (Log Pow)	: 1.25
	Viscosity, kinematic	: 0.33 mm ² /s
	Viscosity, dynamic	: 0.437 mPa·s at 20 °C
9.2.	Other information	
	Refractive index(n ²⁰ _D)	1.424-1.425
10.	Stability and reactivity	
10.1.	Reactivity	
	The product is non-reactive under normal conditions of use, storage and transport.	
10.2.	Chemical stability	
	Stable under normal conditions.	
10.3.	Possibility of hazardous reactions	
	No dangerous reactions known under normal conditions of use.	
10.4.	Conditions to avoid	
	Direct sunlight. Overheating.	
10.5.	Incompatible materials	
	Oxidizing agent.	
10.6	Hazardous decomposition products	
	Under normal conditions of storage and use, hazardous decomposition products should not be produced.	
11.	Toxicological information	
11.1.	Information on toxicological effects	

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 8 of 14

	Acute toxicity (oral)	: Not classified
	Acute toxicity (dermal)	: Not classified
	Acute toxicity (inhalation)	: Not classified
	Skin corrosion/irritation	: Causes skin irritation.
	Additional information	: Not classified
	Serious eye damage/irritation	: Causes serious eye irritation.
	Respiratory or skin sensitisation	: Not classified
	Germ cell mutagenicity	: Not classified
	Carcinogenicity	: Suspected of causing cancer.
	Reproductive toxicity	: Not classified
	STOT-single exposure	: May cause drowsiness or dizziness. May cause respiratory irritation.
	STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
	Aspiration hazard	: Not classified
12.	Ecological information	
12.1.	Toxicity	
	Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
	Hazardous to the aquatic environment, short-term (acute)	Not classified
	Hazardous to the aquatic environment, long-term (chronic)	Not classified
12.2.	Persistence and degradability	
	No additional information available	
12.3.	Bioaccumulative potential	
	No additional information available	
12.4.	Mobility in soil	
	No additional information available	
12.5	Results of PBT and vPvB assessment	
	No additional information available	
12.6	Other adverse effects	
	No additional information available	
13.	Disposal considerations	

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 9 of 14

13.1.	Waste treatment methods	
	Regional waste regulation	: Disposal must be done according to official regulations.
	Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions
	Product/Packaging disposal recommendations	: Disposal must be done according to official regulation
	Additional information	: Do not re-use empty containers.
14.	Transport information	
	In accordance with ADR / IMDG / IATA / ADN / RID	
14.1.	UN number	
	UN-No. (ADR)	: UN 1593
	UN-No. (IMDG)	: UN 1593
	UN-No. (IATA)	: UN 1593
	UN-No. (ADN)	: UN 1593
	UN-No. (RID)	: UN 1593
14.2.	UN proper shipping name	
	Proper Shipping Name (ADR)	: DICHLOROMETHANE
	Proper Shipping Name (IMDG)	: DICHLOROMETHANE
	Proper Shipping Name (IATA)	: Dichloromethane
	Proper Shipping Name (ADN)	: DICHLOROMETHANE
	Proper Shipping Name (RID)	: DICHLOROMETHANE
	Transport document description (ADR)	: UN 1593 DICHLOROMETHANE, 6.1, III, (E)
	Transport document description (IMDG)	: UN 1593 DICHLOROMETHANE, 6.1, III
	Transport document description (IATA)	: UN 1593 Dichloromethane, 6.1, III
	Transport document description (ADN)	: UN 1593 DICHLOROMETHANE, 6.1, III
	Transport document description (RID)	: UN 1593 DICHLOROMETHANE, 6.1, III
14.3.	Transport hazard class(es)	
	ADR	
	Transport hazard class(es) (ADR)	: 6.1
	Danger labels (ADR)	: 6.1
	IMDG	
	Transport hazard class(es) (IMDG)	: 6.1
	Danger labels (IMDG)	: 6.1
	IATA	
	Transport hazard class(es) (IATA)	: 6.1

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

• ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 10 of 14

	Danger labels (IATA)	: 6.1
	ADN	
	Transport hazard class(es) (ADN)	: 6.1
	Danger labels (ADN)	: 6.1
	RID	
	Transport hazard class(es) (RID)	: 6.1
	Danger labels (RID)	: 6.1
14.4.	Packing group	
	Packing group (ADR)	: III
	Packing group (IMDG)	: III
	Packing group (IATA)	: III
	Packing group (ADN)	: III
	Packing group (RID)	: III
14.5.	Environmental hazards	
	Dangerous for the environment	: No
	Marine pollutant	: No
	Other information	: No supplementary information available
14.6.	Special precautions for user	
	Overland transport	
	Classification code (ADR)	: T1
	Limited quantities (ADR)	: 5I
	Excepted quantities (ADR)	: E1
	Packing instructions (ADR)	: P001, IBC03, LP01, R001
	Mixed packing provisions (ADR)	: MP19
	Portable tank and bulk container instructions (ADR)	: T7
	Portable tank and bulk container special provisions (ADR)	: TP2
	Tank code (ADR)	: L4BH
	Vehicle for tank carriage	: AT
	Transport category (ADR)	: 2
	Special provisions for carriage - Operation (ADR)	: S9
	Hazard identification number (Kemler No.)	: 60
	Tunnel restriction code (ADR)	: E
	EAC code	: 2Z
	Transport by sea	
	Limited quantities (IMDG)	: 5 L
	Excepted quantities (IMDG)	: E1

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 11 of 14

	Packing instructions (IMGD)	: P001, LP01
	IBC packing instructions (IMDG)	: IBC03
	Tank instructions (IMDG)	: T7
	Tank special provisions (IMDG)	: TP2
	Stowage category (IMDG)	: A
	MFAG-No	: 160
	Air transport	
	PCA Excepted quantities (IATA)	: E1
	PCA Limited quantities (IATA)	: Y642
	PCA limited quantity max net quantity (IATA)	: 2L
	PCA packing instructions (IATA)	: 655
	PCA max net quantity (IATA)	: 60L
	CAO packing instructions (IATA)	: 663
	CAO max net quantity (IATA)	: 220L
	ERG code (IATA)	: 6L
	Inland waterway transport	
	Classification code (ADN)	: T1
	Limited quantities (ADN)	: 5 L
	Excepted quantities (ADN)	: E1
	Carriage permitted (ADN)	: T
	Equipment required (ADN)	: PP, EP, TOX, A
	Ventilation (ADN)	: VE02
	Number of blue cones/lights (ADN)	: 0
	Rail transport	
	Classification code (RID)	: T1
	Limited quantities (RID)	: 5L
	Excepted quantities (RID)	: E1
	Packing instructions (RID)	: P001, IBC03, LP01, R001
	Mixed packing provisions (RID)	: MP19
	Portable tank and bulk container instructions (RID)	: T7
	Portable tank and bulk container special provisions (RID)	: TP2
	Tank codes for RID tanks (RID)	: L4BH
	Transport category (RID)	: 2
	Colis express (express parcels) (RID)	: CE8
	Hazard identification number (RID)	: 60
14.7.	Transport in bulk according to Annex II of Marpol and the IBC Code	

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 12 of 14

	Not applicable	
15.	Regulatory information	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU-Regulations	
	EU restriction list (REACH Annex XVII)	
	Reference code Applicable on	Reference code Applicable on
	3(b)	DICHLOROMETHANE
	59	DICHLOROMETHANE
	DICHLOROMETHANE is not on the REACH Candidate List	
	DICHLOROMETHANE is not on the REACH Annex XIV List	
	Not listed on the PIC list (Regulation EU 649/2012)	
	Not listed on the Ozone Depletion list (Regulation EU 1005/2009)	
	Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.	
	Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)	
	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)	
15.1.2.	National regulations	
	France	
	Occupational diseases	
	Code	Description
	RG 12	Occupational diseases caused by the halogenated aliphatic hydrocarbons listed below: dichloromethane; trichloromethane; tribromomethane; triiodomethane; tetrabromomethane; chloroethane; 1,1-dichloroethane; 1,2- dichloroethane; 1,2- dibromoethane; 1,1,1-trichloroethane; 2-bromopropane; 1,2-dichloropropane; trichlorethylene; tetrachlorethylene; dichloroacetylene; trichlorofluoromethane; 1,1,2,2-tetrachloro-1,2-difluoroethane; 1,1,1-trichloro-2,2,2-trifluoroethane; 1,1-dichloro-2,2,2-trifluoroethane; 1,2-dichloro-1,1-difluoroethane; 1,1-dichloro-1-fluoroethane
	Germany	
	Water hazard class (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV).
	Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 13 of 14

	Netherlands	
	SZW-lijst van kankerverwekkende stoffen	: The substance is not listed
	SZW-lijst van mutagene stoffen	: The substance is not listed
	SZW-lijst van reprotoxische stoffen – Borstvoeding	: The substance is not listed
	SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: The substance is not listed
	SZW-lijst van reprotoxische stoffen – Ontwikkeling	: The substance is not listed
	Denmark	
	Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. Other information

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand
COD	Chemical oxygen demand
COD	Chemical oxygen demand
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered

Material Safety Data Sheet



DICHLOROMETHANE AR

VERSION : 05
REVISION DATE : 14/06/2025
EFFECTIVE DATE : 16/06/2025

Product Code : 22950

Page 14 of 14

LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties
Full text of H- and EUH-statements	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

Safety Data Sheet (SDS), EU This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

MOLYCHEM INDIA LLP

H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

•ISO 9001:2015 • ISO 14001: 2015 • ISO 45001:2018 • WHO-GMP Certified • MSME Registered • CAA Registered