SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 29-May-2024 **Revision Number** 1.01

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) DRE-C12424500

Product Name Dichloromethane

Form Not applicable

NOTE [8] - No registration number is given for this substance because it is under the threshold in REACH Article 6(1) and not subject to the registration requirements according to REACH Title II

EC No (EU Index No) 200-838-9

CAS No. 75-09-2

Chemical name Methylene chloride

Pure substance/mixture Substance

Formula C H2 Cl2

Molecular weight 84.93

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Laboratory use

Uses advised against Not to be used for human or animal consumption

1.3. Details of the supplier of the safety data sheet

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DRE-C12424500 - Dichloromethane

Supplier

LGC Limited
Queens Road
Teddington
Middlesex TW11 0LY
UNITED KINGDOM
:+44 (0) 20 8943 7000
Fax :+44 (0) 20 8943 2767
eMail : gb@lgcstandards.com

Web : www.lgcstandards.com

For further information, please contact

E-mail address sds-request@lgcgroup.com

1.4. Emergency telephone number

Emergency Telephone For Hazardous Materials or Dangerous Goods Incident
Spill, Leak, Fire Exposure, or Accident
Call CHEMTREC:
USA & Canada 1-800-424-9300
Rest of the world +1 703-741-5970

Emergency Telephone - §45 - (EC)1272/2008	
Europe	**112**
Austria	No information available
Bulgaria	
Croatia	
Cyprus	
Czech Republic	
Denmark	
France	
Hungary	
Ireland	
Italy	
Lithuania	
Luxembourg	
Netherlands	
Norway	
Portugal	
Romania	
Slovakia	

Slovenia	
Spain	
Sweden	
Switzerland	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Carcinogenicity	Category 2 - (H351)

2.2. Label elements

200-838-9
Contains Methylene chloride

Signal word
Warning

Hazard statements
H351 - Suspected of causing cancer

Precautionary Statements - EU (§28, 1272/2008)
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

No information available.

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

Chemical name	EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation	EU - REACH (1907/2006) - Endocrine Disruptor Assessment List of Substances
Methylene chloride	-	-

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Methylene chloride 75-09-2	100	-	200-838-9 (602-004-00-3)	Carc. 2 (H351)			

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

Acute Toxicity Estimate
If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Methylene chloride 75-09-2	1600	2000	79.5	86	No data available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air.

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation.
Other information	Refer to protective measures listed in Sections 7 and 8.

For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections	See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.
General hygiene considerations	Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Please refer to the manufacturer's certificate for specific storage and transport temperature conditions. Store only in the original receptacle unless other advice is given on the CoA.

7.3. Specific end use(s)

Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Methylene chloride 75-09-2	* STEL: 706 mg/m³ STEL: 200 ppm TWA: 353 mg/m³ TWA: 100 ppm	TWA: 50 ppm TWA: 175 mg/m³ STEL 200 ppm STEL 700 mg/m³ Sk*	TWA: 50 ppm TWA: 177 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 353 mg/m³ TWA: 100 ppm STEL: 706 mg/m³ STEL: 200 ppm Sk*	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*

Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Methylene chloride 75-09-2	TWA: 353 mg/m³ TWA: 100 ppm STEL: 706 mg/m³ STEL: 200 ppm Sk*	TWA: 200 mg/m³ Sk* Ceiling: 500 mg/m³	TWA: 35 ppm TWA: 122 mg/m³ STEL: 706 mg/m³ STEL: 200 ppm Sk*	TWA: 35 ppm TWA: 120 mg/m³ STEL: 70 ppm STEL: 250 mg/m³ Sk*	TWA: 50 ppm TWA: 177 mg/m³ STEL: 100 ppm STEL: 353 mg/m³ Sk*

Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Methylene chloride 75-09-2	TWA: 50 ppm TWA: 178 mg/m³ STEL: 100 ppm STEL: 356 mg/m³ Sk*	TWA: 50 ppm TWA: 180 mg/m³ Sk*	TWA: 50 ppm TWA: 180 mg/m³ Peak: 100 ppm Peak: 360 mg/m³ Sk*	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*

Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Methylene chloride 75-09-2	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 175 mg/m³ TWA: 50 ppm STEL: 353 mg/m³ STEL: 100 ppm Sk*	TWA: 50 ppm TWA: 174 mg/m³	TWA: 120 mg/m³ TWA: 34 ppm STEL: 150 mg/m³ STEL: 42 ppm Sk*	TWA: 35 ppm TWA: 120 mg/m³ STEL: 70 ppm STEL: 250 mg/m³ Sk*

Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Methylene chloride 75-09-2	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 15 ppm TWA: 50 mg/m³ STEL: 45 ppm STEL: 150 mg/m³ Sk*	TWA: 88 mg/m³ STEL: 353 mg/m³ Sk*

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Methylene chloride 75-09-2	TWA: 353 mg/m³ TWA: 100 ppm STEL: 706 mg/m³ STEL: 200 ppm Sk*	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 100 ppm TWA: 353 mg/m³ Sk* Ceiling: 706 mg/m³	TWA: 100 ppm TWA: 353 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 50 ppm TWA: 177 mg/m³ STEL: 100 ppm STEL: 353 mg/m³ Sk*

Chemical name	Sweden	Switzerland	United Kingdom
Methylene chloride 75-09-2	NGV: 35 ppm NGV: 120 mg/m³ Bindande KGV: 70 ppm Bindande KGV: 250 mg/m³ Sk*	TWA: 50 ppm TWA: 177 mg/m³ STEL: 200 ppm STEL: 706 mg/m³ Sk*	TWA: 353 mg/m³ TWA: 100 ppm STEL: 200 ppm STEL: 706 mg/m³ Sk*

Biological occupational exposure limits

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Methylene chloride 75-09-2	-	-	-	800.0 µg/L - blood (Dichloromethane) - at the end of the work shift 0.3 mg/L - urine (Dichloromethane) - at the end of the work shift 0.04 mol COHb/mol Hb (4%) - blood (Carboxyhemoglobin) - at the end of the work shift	-
Chemical name	**Denmark**	**Finland**	**France**	**Germany DFG**	**Germany TRGS**
Methylene chloride 75-09-2	-	-	0.2 mg/L - urine (Dichloromethane) - end of shift 3.5 % - blood (Carboxyhémoglobine sanguine) - end of shift	500 µg/L (whole blood - Dichloromethane immediately after exposure) 500 µg/L - BAT (immediately after exposure) blood 0.1 mg/L - (during exposure, at least 2 hours after beginning of exposure) - whole blood 0.2 mg/L - (during exposure, at least 2 hours after beginning of exposure) - whole blood 0.5 mg/L - (during exposure, at least 2 hours after beginning of exposure) - whole blood	500 µg/L (whole blood - Dichloromethane immediately after exposure)

				1 mg/L - (during exposure, at least 2 hours after beginning of exposure) - whole blood	

Chemical name	Hungary	Ireland	Italy MDLPS	Italy AIDII
Methylene chloride 75-09-2	0.3 mg/L (urine - Dichloromethane end of shift) 3.5 µmol/L (urine - Dichloromethane end of shift)	4 % hemoglobin (blood - Carboxyhemoglobin measure at end of shift) 0.3 mg/L (urine - Methylene chloride measure at end of shift) 1 mg/L (blood - Methylene chloride measure at end of shift)	-	0.3 mg/L - urine (Dichloromethane) - end of shift

Chemical name	Latvia	Luxembourg	Romania	Slovakia
Methylene chloride 75-09-2	-	-	5 % Hemoglobin - blood (Carboxyhemoglobin) - end of shift 0.3 mg/L - urine (Methylene chloride) - end of shift 1 mg/L - blood (Methylene chloride) - end of shift	1 mg/L (blood - Dichloromethane end of exposure or work shift) 5 % of hemoglobin (blood - Carboxyhemoglobin end of exposure or work shift)

Chemical name	Slovenia	Spain	Switzerland	United Kingdom
Methylene chloride 75-09-2	500 µg/L - blood (Dichloromethane) - immediately after exposure	0.3 mg/L (urine - Dichloromethane end of shift)	0.5 mg/L (whole blood - Dichloromethane end of shift) 5.9 µmol/L (whole blood - Dichloromethane end of shift) 5 % (whole blood - Carbon monoxide in hemoglobin end of shift)	30 ppm - end-tidal breath (Carbon monoxide) - post shift

Derived No Effect Level (DNEL) No information available.
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Hand protection	Wear suitable gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Wear protective Viton™ gloves.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.
Environmental exposure controls	Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	colourless
Odour	Slight chlorine.
Odour threshold	No information available

Property	**Values**	**Remarks • Method**
Melting point / freezing point	-96.7 °C	None known
Initial boiling point and boiling range	40 °C	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	22 %vol ; 780 g/m³	
Lower flammability or explosive limits	13 %vol ; 450 g/m³	
Flash point	No data available	None known
Autoignition temperature	605 °C	None known
Decomposition temperature		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	No information available
Kinematic viscosity	No data available	None known
Dynamic viscosity	0.43 mPa s	@ 20°C
Water solubility	20 g/l	@ 20 °C
Solubility(ies)	No data available	None known

Partition coefficient	1.25	None known
Vapour pressure	470 hPa	@ 20°C
Relative density	1.33	@ 20 °C
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	2.93	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

Molecular weight	84.93
Molecular formula	C H2 Cl2

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methylene chloride	= 1600 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 53 mg/L (Rat) 6 h = 86 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Methylene chloride	Carc. 2

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methylene chloride	EC50: >500mg/L (72h, Pseudokirchneriella	LC50: 140.8 - 277.8mg/L (96h, Pimephales	-	EC50: 1532 - 1847mg/L (48h, Daphnia magna)

	subcapitata) EC50: >500mg/L (96h, Pseudokirchneriella subcapitata)	promelas) LC50: 262 - 855mg/L (96h, Pimephales promelas) LC50: =193mg/L (96h, Lepomis macrochirus) LC50: 310 mg/l (96h, fish)		EC50: =190mg/L (48h, Daphnia magna) EC50: 1,470 mg/l (48h, crustacean) EC50: 164 mg/l (48h, crustacean)

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Methylene chloride	1.25

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Methylene chloride	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number	UN1593
14.2 UN proper shipping name	Dichloromethane
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
ERG Code	6L

IMDG

14.1 UN number or ID number	UN1593
14.2 UN proper shipping name	Dichloromethane
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III
14.5 Marine pollutant	NP
14.6 Special precautions for user	
Special Provisions	None
EmS-No.	F-A, S-A No information available
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	UN1593
14.2 UN proper shipping name	Dichloromethane
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	516
Classification code	T1

ADR

14.1 UN number or ID number	UN1593
14.2 UN proper shipping name	Dichloromethane

14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
Description	UN1593, Dichloromethane, 6.1, III, (E)
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	516
Classification code	T1
Tunnel restriction code	(E)

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

France
Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Methylene chloride 75-09-2	RG 12	-

Water hazard class (WGK) obviously hazardous to water (WGK 2)

Poland

SDS created according to the following Polish regulation: Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws of 2018, item 143, as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency (EC) as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, as amended. Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classifying chemical substances and their mixtures (Journal of Laws of 2012, item 1018). Regulation of the Minister of Health of 20 April 2012 on labeling packaging of hazardous substances and mixtures and some mixtures (Journal of Laws of 2012, item 445). Regulation of the Minister of Family, Labor and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286). Announcement of the Minister of Economy, Labor and Social Policy of August 28, 2003 on the publication of the unified text of the Ordinance of the Minister of Labor and Social Policy on general health and safety at work regulations (Journal of Laws of 2003, No. 169, item 1650) . Regulation of the Minister of Health of 30 December 2004 on occupational safety and health related to the presence of chemical agents in the workplace (Journal of Laws of 2005, No. 11, item 86). Act of December 14, 2012 on

waste (Journal of Laws of 2013, item 21) Regulation of the Minister of Health of December 30, 2004 on occupational health and safety related to the presence of chemical agents in the workplace (Journal U. of 2005, No. 11, item 86). Waste Act of December 14, 2012 (Journal of Laws of 2013, item 21). Act of 13 June 2013 on the management of packaging and packaging waste, Journal of Laws 2013, item 888). Government statement of September 24, 2002 - European Agreement on the International Carriage of Dangerous Goods by Road (ADR) (Journal of Laws No. 194, item 1629 and Journal of Laws of 2003, No. 207, item 2013 and 2014).

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

DIRECTIVE (EU) 2021/1187 on the marketing and use of explosives precursors
Not applicable

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Methylene chloride - 75-09-2	Use restricted. See entry 59. Use restricted. See entry 75.	

Persistent Organic Pollutants
Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

EU - Water Framework Directive (2000/60/EC)

Chemical name	EU - Water Framework Directive (2000/60/EC)
Methylene chloride - 75-09-2	Priority substance

EU - Environmental Quality Standards (2008/105/EC)

Chemical name	EU - Environmental Quality Standards (2008/105/EC)
Methylene chloride - 75-09-2	Priority substance

International Inventories

TSCA

LGC, to the best of its ability, has confirmed that the chemical substances in this product are listed as “Active” in the EPA (Environmental Protection Agency) “TSCA Inventory Notification (Active-Inactive) Requirements Rule” (“the Final Rule”) of Feb 2019, as

	amended Feb 2021." This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report A Chemical Safety Assessment is not required for this substance

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3
H351 - Suspected of causing cancer

Legend
SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method

Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine’s PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 29-May-2024

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006
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End of Safety Data Sheet