DIMETHYLDICHLOROSILANE, 99+%

Safety Data Sheet SID4120.1

Date of issue: 25/11/2014 Revision date: 08/04/2019 Version: 2.1

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

1.1. Product identifier

Product form	:	Substance
Physical state	:	Liquid
Substance name	:	DIMETHYLDICHLOROSILANE, 99+%
REACH registration No	:	01-2119437250-51-0074
Product code	:	SID4120.1
Formula	:	C2H6Cl2Si
Synonyms	:	DICHLORODIMETHYLSILANE
Chemical family	:	ORGANOCHLOROSILANE

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Chemical intermediate

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GELEST, INC.
11 East Steel Road
Morrisville, PA 19067
USA
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST
info@gelest.com - www.gelest.com

GELEST INC.
Fritz-Klatte-Strasse 8
65933 Frankfurt
Germany
T +49 (0) 69 3535106-500 - F +49 (0) 69 3535106-501 - (M-F): 8:00 AM - 4:00 PM
info@gelestde.com - www.gelestde.com

1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS02 GHS07

Signal word (CLP)	:	Danger
Hazard statements (CLP)	:	H225 - Highly flammable liquid and vapour. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Precautionary statements (CLP)	:	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240 - Ground/bond container and receiving equipment. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P312 - Call a doctor if you feel unwell.
EUH-statements	:	EUH014 - Reacts violently with water.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type	:	Mono-constituent
Name	:	DIMETHYLDICHLOROSILANE, 99+%
CAS-No.	:	75-78-5
EC-No.	:	200-901-0
EC Index-No.	:	014-003-00-X

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dimethyldichlorosilane	(CAS-No.) 75-78-5 (EC-No.) 200-901-0 (EC Index-No.) 014-003-00-X (REACH-no) 01-2119437250-51-0074	99 - 100	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Hydrochloric acid	(CAS-No.) 7647-01-0 (EC-No.) 231-595-7 (EC Index-No.) 017-002-00-2		Press. Gas Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A, H314

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	:	Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.
First-aid measures after skin contact	:	Wash with plenty of water/…. Get immediate medical advice/attention.
First-aid measures after eye contact	:	Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion	:	Never give anything by mouth to an unconscious person. Get medical advice/attention.

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

Symptoms/effects	:	Causes severe skin burns and eye damage.
Symptoms/effects after inhalation	:	May cause respiratory irritation. Overexposure may cause: Cough. Headache. Nausea.
Symptoms/effects after skin contact	:	Causes (severe) skin burns.
Symptoms/effects after eye contact	:	Causes serious eye damage.
Symptoms/effects after ingestion	:	Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

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

Note to physician- Eyes: If pain persists, repeat washing for 15 minutes or until pH of eye returns to normal. If great pain persists, place one (1) drop Benoxinate solution (0.4%) in the affected eye.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Alcohol-resistant foam. Carbon dioxide. Dry chemical.

Unsuitable extinguishing media : Water.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour. Irritating fumes of hydrogen chloride and organic acid vapors may develop when material is exposed to water or open flame.

Explosion hazard : May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions : Use water spray to cool exposed surfaces. Exercise caution when fighting any chemical fire. Do not direct water into an unignited spill.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapour and mist.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Eliminate every possible source of ignition. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal. Use only non-sparking tools.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Avoid all eye and skin contact and do not breathe vapour and mist. Provide good ventilation in process area to prevent formation of vapour. Containers must be properly grounded before beginning transfer. Use only outdoors or in a well-ventilated area. Take precautionary measures against static discharge. Use only non-sparking tools.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.

Storage conditions : Keep container tightly closed.

Incompatible materials : Acids. alcohols. Oxidizing agent.

Storage area : Store in a well-ventilated place. Store away from heat.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrochloric acid (7647-01-0)		
EU	IOELV TWA (mg/m³)	8 mg/m³
EU	IOELV TWA (ppm)	5 ppm
EU	IOELV STEL (mg/m³)	15 mg/m³
EU	IOELV STEL (ppm)	10 ppm
Austria	MAK (mg/m³)	8 mg/m³
Austria	MAK (ppm)	5 ppm
Austria	MAK Short time value (mg/m³)	15 mg/m³
Austria	MAK Short time value (ppm)	10 ppm
Belgium	Limit value (mg/m³)	8 mg/m³

Hydrochloric acid (7647-01-0)		
Belgium	Limit value (ppm)	5 ppm
Belgium	Short time value (mg/m³)	15 mg/m³
Belgium	Short time value (ppm)	10 ppm
Bulgaria	OEL TWA (mg/m³)	8 mg/m³
Bulgaria	OEL TWA (ppm)	5 ppm
Bulgaria	OEL STEL (mg/m³)	15 mg/m³
Bulgaria	OEL STEL (ppm)	10 ppm
Cyprus	OEL TWA (mg/m³)	8 mg/m³
Cyprus	OEL TWA (ppm)	5 ppm
Cyprus	OEL STEL (mg/m³)	15 mg/m³
Cyprus	OEL STEL (ppm)	10 ppm
France	VLE (mg/m³)	7.6 mg/m³ (restrictive limit)
France	VLE (ppm)	5 ppm (restrictive limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	3 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	TRGS 900 Occupational exposure limit value (ppm)	2 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar	Eight hours mg/m3	8 mg/m³
Gibraltar	Eight hours ppm	5 ppm
Gibraltar	Short-term mg/m3	15 mg/m³
Gibraltar	Short-term ppm	10 ppm
Greece	OEL TWA (mg/m³)	7 mg/m³
Greece	OEL TWA (ppm)	5 ppm
Greece	OEL STEL (mg/m³)	7 mg/m³
Greece	OEL STEL (ppm)	5 ppm
Italy - Portugal - USA ACGIH	ACGIH Ceiling (ppm)	2 ppm
Italy	OEL TWA (mg/m³)	8 mg/m³
Italy	OEL TWA (ppm)	5 ppm
Italy	OEL STEL (mg/m³)	15 mg/m³
Italy	OEL STEL (ppm)	10 ppm
Latvia	OEL TWA (mg/m³)	8 mg/m³
Latvia	OEL TWA (ppm)	5 ppm
USA IDLH	US IDLH (ppm)	50 ppm
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	7 mg/m³
USA NIOSH	NIOSH REL (ceiling) (ppm)	5 ppm
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	7 mg/m³
USA OSHA	OSHA PEL (Ceiling) (ppm)	5 ppm
Spain	VLA-ED (mg/m³)	7.6 mg/m³ (indicative limit value)
Spain	VLA-ED (ppm)	5 ppm (indicative limit value)
Spain	VLA-EC (mg/m³)	15 mg/m³
Spain	VLA-EC (ppm)	10 ppm
Switzerland	KZGW (mg/m³)	6 mg/m³
Switzerland	KZGW (ppm)	4 ppm
Switzerland	MAK (mg/m³)	3 mg/m³
Switzerland	MAK (ppm)	2 ppm
Netherlands	Grenswaarde TGG 8H (mg/m³)	8 mg/m³
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	15 mg/m³
United Kingdom	WEL TWA (mg/m³)	2 mg/m³ (aerosol mist and gas)
United Kingdom	WEL TWA (ppm)	1 ppm (aerosol mist and gas)
United Kingdom	WEL STEL (mg/m³)	8 mg/m³ (aerosol mist and gas)
United Kingdom	WEL STEL (ppm)	5 ppm (aerosol mist and gas)
Czech Republic	Expoziční limity (PEL) (mg/m³)	8 mg/m³
Finland	HTP-arvo (15 min)	7.6 mg/m³ (including solution)
Finland	HTP-arvo (15 min) (ppm)	5 ppm (including solution)

Hydrochloric acid (7647-01-0)		
Hungary	AK-érték	8 mg/m³
Hungary	CK-érték	16 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	8 mg/m³
Ireland	OEL (8 hours ref) (ppm)	5 ppm
Ireland	OEL (15 min ref) (mg/m3)	15 mg/m³
Ireland	OEL (15 min ref) (ppm)	10 ppm
Lithuania	IPRV (mg/m³)	8 mg/m³
Lithuania	IPRV (ppm)	5 ppm
Lithuania	TPRV (mg/m³)	15 mg/m³
Lithuania	TPRV (ppm)	10 ppm
Malta	OEL TWA (mg/m³)	8 mg/m³
Malta	OEL TWA (ppm)	5 ppm
Malta	OEL STEL (mg/m³)	15 mg/m³
Malta	OEL STEL (ppm)	10 ppm
Norway	Grenseverdier (Takverdi) (mg/m³)	7 mg/m³
Norway	Grenseverdier (Takverdi) (ppm)	5 ppm
Poland	NDS (mg/m³)	5 mg/m³
Poland	NDSCh (mg/m³)	10 mg/m³
Romania	OEL TWA (mg/m³)	8 mg/m³
Romania	OEL TWA (ppm)	5 ppm
Romania	OEL STEL (mg/m³)	15 mg/m³
Romania	OEL STEL (ppm)	10 ppm
Slovakia	NPHV (priemerná) (mg/m³)	8 mg/m³
Slovakia	NPHV (priemerná) (ppm)	5 ppm
Slovakia	NPHV (Hraničná) (mg/m³)	15 mg/m³
Sweden	takgränsvärde (TGV) (mg/m³)	8 mg/m³
Sweden	takgränsvärde (TGV) (ppm)	5 ppm
Canada (Quebec)	PLAFOND (mg/m³)	7.5 mg/m³
Canada (Quebec)	PLAFOND (ppm)	5 ppm
Portugal	OEL TWA (mg/m³)	8 mg/m³ (indicative limit value)
Portugal	OEL TWA (ppm)	5 ppm (indicative limit value)
Portugal	OEL STEL (mg/m³)	15 mg/m³ (indicative limit value)
Portugal	OEL STEL (ppm)	10 ppm (indicative limit value)
Portugal	OEL - Ceilings (ppm)	2 ppm
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen

Dimethyldichlorosilane (75-78-5)		
Romania	OEL TWA (mg/m³)	3 mg/m³
Romania	OEL TWA (ppm)	0.6 ppm
Romania	OEL STEL (mg/m³)	6 mg/m³
Romania	OEL STEL (ppm)	1.2 ppm

8.2. Exposure controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

Personal protective equipment:

Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection:

Neoprene or nitrile rubber gloves

Eye protection:

Chemical goggles or face shield. Contact lenses should not be worn

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

NIOSH-certified combination organic vapor/acid gas (yellow cartridge) respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear liquid.
Molecular mass	:	129.06 g/mol
Colour	:	Straw.
Odour	:	Acrid. Similar to hydrogen chloride.
Odour threshold	:	No data available
Refractive index	:	1.4055
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	-76 °C
Boiling point	:	70 - 71 °C
Flash point	:	-10 °C
Critical temperature	:	247.2 °C
Auto-ignition temperature	:	410 °C
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Highly flammable liquid and vapour.
Vapour pressure	:	100 mm Hg @ 17°C
Critical pressure	:	34.4 atm
Relative vapour density at 20 °C	:	4.4
Relative density	:	1.0637
% Volatiles	:	100 %
Solubility	:	Reacts with water.
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	0.47 cSt
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	3.4 - 10.4 vol % (lower; upper)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable in sealed containers stored under a dry inert atmosphere.

10.3. Possibility of hazardous reactions

Reacts with water and moisture in air, liberating hydrogen chloride.

10.4. Conditions to avoid

Heat. Open flame. Sparks.

10.5. Incompatible materials

Acids. alcohols. Oxidizing agent.

10.6. Hazardous decomposition products

Hydrogen chloride. Organic acid vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Hydrochloric acid (7647-01-0)	
LD50 oral rat	238 - 277 mg/kg
LD50 dermal rabbit	> 5010 mg/kg
LC50 inhalation rat (mg/l)	1.68 mg/l (Exposure time: 1 h)
ATE CLP (oral)	700 mg/kg bodyweight
ATE CLP (gases)	1562 ppmv/4h

Dimethyldichlorosilane (75-78-5)	
LD50 oral rat	800 mg/kg
LC50 inhalation rat (ppm)	930 ppm/4h
LC50 inhalation mouse	300 mg/m³ (2 hours)
LDLo oral rat	1000 mg/kg

Skin corrosion/irritation : Causes skin irritation.
Skin Irritation - rabbit: 20 mg/24H: moderate irritation effect

Serious eye damage/irritation : Causes serious eye irritation.
Eye Irritation - rabbit: 5 mg/24H: severe irritation effect

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified
None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Hydrochloric acid (7647-01-0)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Symptoms/effects after inhalation : May cause respiratory irritation. Overexposure may cause: Cough. Headache. Nausea.

Symptoms/effects after skin contact : Causes (severe) skin burns.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Dimethyldichlorosilane (75-78-5)	
BCF fish 1	(hydrolysis)

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

Other adverse effects : This substance may be hazardous to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : May be incinerated. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1162

UN-No. (IMDG) : 1162

UN-No. (IATA) : 1162

UN-No. (ADN) : 1162

UN-No. (RID) : 1162

14.2. UN proper shipping name

Proper Shipping Name (ADR) : DIMETHYLDICHLOROSILANE

Proper Shipping Name (IMDG) : DIMETHYLDICHLOROSILANE

Proper Shipping Name (IATA) : Dimethyldichlorosilane

Proper Shipping Name (ADN) : DIMETHYLDICHLORO-SILANE

Proper Shipping Name (RID) : DIMETHYLDICHLOROSILANE

Transport document description (ADR) : UN 1162 DIMETHYLDICHLOROSILANE, 3 (8), II, (D/E)

Transport document description (IMDG) : UN 1162 DIMETHYLDICHLOROSILANE, 3 (8), II (-9°C c.c.)

Transport document description (IATA) : UN 1162 Dimethyldichlorosilane, 3 (8), II

Transport document description (ADN) : UN 1162 DIMETHYLDICHLORO-SILANE, 3 (8), II

Transport document description (RID) : UN 1162 DIMETHYLDICHLOROSILANE, 3 (8), II

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3 (8)

Danger labels (ADR) : 3, 8

:

IMDG

Transport hazard class(es) (IMDG) : 3 (8)

Danger labels (IMDG) : 3, 8

:

IATA

Transport hazard class(es) (IATA) : 3 (8)

Hazard labels (IATA) : 3, 8

:

ADN

Transport hazard class(es) (ADN) : 3 (8)

Danger labels (ADN) : 3, 8

: 

RID

Transport hazard class(es) (RID) : 3 (8)

Danger labels (RID) : 3, 8

: 

14.4. Packing group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : II

Packing group (RID) : II

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) : FC

Limited quantities (ADR) : 0

Excepted quantities (ADR) : E0

Vehicle for tank carriage : FL

Transport category (ADR) : 2

Hazard identification number (Kemler No.) : X338

Orange plates : 

Tunnel restriction code (ADR) : D/E

EAC code : 4WE

APP code : A(fl)

- Transport by sea

Limited quantities (IMDG) : 0

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P010

Tank instructions (IMDG) : T10

Tank special provisions (IMDG) : TP2, TP7, TP13

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-C

Stowage category (IMDG) : B

Flash point (IMDG) : -9°C c.c.

Properties and observations (IMDG) : Colourless liquid with a pungent odour. Flashpoint: -9°C c.c. Explosive limits: 1.4% to 9.5% Immiscible with water.Reacts with water to form a complex mixture of dimethylsiloxanes and evolves hydrogen chloride, a toxic and corrosive gas. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes.

- Air transport

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA)	:	Forbidden
PCA limited quantity max net quantity (IATA)	:	Forbidden
PCA packing instructions (IATA)	:	Forbidden
PCA max net quantity (IATA)	:	Forbidden
CAO packing instructions (IATA)	:	377
CAO max net quantity (IATA)	:	5L
ERG code (IATA)	:	3C

- Inland waterway transport

Classification code (ADN)	:	FC
Limited quantities (ADN)	:	0
Excepted quantities (ADN)	:	E0
Equipment required (ADN)	:	PP, EP, EX, A
Ventilation (ADN)	:	VE01
Number of blue cones/lights (ADN)	:	1

- Rail transport

Classification code (RID)	:	FC

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

DIMETHYLDICHLOROSILANE, 99+% is not on the REACH Candidate List

DIMETHYLDICHLOROSILANE, 99+% is not on the REACH Annex XIV List

DIMETHYLDICHLOROSILANE, 99+% is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

DIMETHYLDICHLOROSILANE, 99+% is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

% Volatiles	:	100 %

15.1.2. National regulations

Germany

Reference to AwSV	:	Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to VwVwS, Annex 1 or 2; ID No. 557)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	:	Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen	:	The substance is not listed
SZW-lijst van mutagene stoffen	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	:	The substance is not listed

Denmark

Classification remarks	:	Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	:	Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Abbreviations and acronyms:

	Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemcial Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor

Other information : Prepared by safety and environmental affairs.

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Press. Gas	Gases under pressure
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
EUH014	Reacts violently with water.

SDS EU (REACH Annex II) - Custom