Safety Data Sheet
acc. to OSHA HCS

Revision date: 01/08/2025

*
1 Identification

· **Product identifier**

· **Product Name: Semi-Volatiles Standard no. 7 (1X1 mL)**

· **Part no. :** SVM-126-1

· **Restrictions**
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.

· **Application of the substance / the mixture** Reagents and Standards for Analytical Chemical Laboratory Use

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Agilent Technologies, Inc.
5301 Stevens Creek Blvd.
Santa Clara, CA 95051 USA

· **Information department:**
Telephone: 800-227-9770
e-mail: pdl-msds_author@agilent.com

· **Emergency telephone number:** CHEMTREC®: 1-800-424-9300

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2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS06 Skull and crossbones

Acute Toxicity - Oral 3	H301 Toxic if swallowed.
Acute Toxicity - Dermal 3	H311 Toxic in contact with skin.

GHS08 Health hazard

Sensitization - Respiratory 1	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Carcinogenicity 1B	H350 May cause cancer.
Toxic to Reproduction 1B	H360 May damage fertility or the unborn child.
Specific Target Organ Toxicity - Repeated Exposure 2	H373 May cause damage to organs through prolonged or repeated exposure.

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GHS07

Skin Irritation 2	H315 Causes skin irritation.
Eye Irritation 2A	H319 Causes serious eye irritation.
Sensitization - Skin 1	H317 May cause an allergic skin reaction.
Specific Target Organ Toxicity - Single Exposure 3	H335 May cause respiratory irritation.

· **Label elements**
· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS06 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
dichloromethane
parathion (ISO)
O,O-diethyl O-pyrazin-2-yl phosphorothioate
dinoseb
2,4-D (ISO)
· **Hazard statements**
H301+H311 Toxic if swallowed or in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H350 May cause cancer.
H360 May damage fertility or the unborn child.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
· **Precautionary statements**
P260 Do not breathe vapours.
P284 [In case of inadequate ventilation] wear respiratory protection.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P301+P310 If swallowed: Immediately call a poison center/doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P321 Specific treatment (see on this label).
P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a poison center/doctor if you feel unwell.

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P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P330	Rinse mouth.
P302+P352	If on skin: Wash with plenty of water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 2
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = *2
Fire = 0
Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

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3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**		
75-09-2	dichloromethane	97.738%
52-85-7	famphur	0.1508%
56-38-2	parathion (ISO)	0.1508%
88-85-7	dinoseb	0.1508%
94-75-7	2,4-D (ISO)	0.1508%
140-57-8	aramite	0.1508%
143-50-0	chlordecone (ISO)	0.1508%
297-97-2	O,O-diethyl O-pyrazin-2-yl phosphorothioate	0.1508%
298-00-0	parathion -methyl (ISO)	0.1508%
298-02-2	phorate (ISO)	0.1508%
298-04-4	disulfoton	0.1508%
2303-16-4	di-allate (ISO)	0.1508%

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3689-24-5	sulfotep (ISO)	0.1508%

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4 First-aid measures

· **Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
In case of irregular breathing or respiratory arrest provide artificial respiration.
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** Do not induce vomiting; immediately call for medical help.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
· **Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
· **Advice for firefighters**
· **Protective equipment:** Mouth respiratory protective device.

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6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Mount respiratory protective device.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
75-09-2	dichloromethane	200 ppm
56-38-2	parathion (ISO)	0.15 mg/m³

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60-51-5	dimethoate (ISO)	2.7 mg/m³
88-85-7	dinoseb	0.41 mg/m³
93-72-1	silvex (2,4,5-TP)	0.82 mg/m³
94-75-7	2,4-D (ISO)	30 mg/m³
143-50-0	chlordecone (ISO)	1.6 mg/m³
297-97-2	O,O-diethyl O-pyrazin-2-yl phosphorothioate	0.32 mg/m³
298-00-0	parathion -methyl (ISO)	0.11 mg/m³
298-02-2	phorate (ISO)	0.0036 mg/m³
298-04-4	disulfoton	0.18 mg/m³
510-15-6	chlorobenzilate (ISO)	8.4 mg/m³
3689-24-5	sulfotep (ISO)	0.32 mg/m³

· **PAC-2:**

75-09-2	dichloromethane	560 ppm
56-38-2	parathion (ISO)	1.5 mg/m³
60-51-5	dimethoate (ISO)	30 mg/m³
88-85-7	dinoseb	4.5 mg/m³
93-72-1	silvex (2,4,5-TP)	9 mg/m³
94-75-7	2,4-D (ISO)	94 mg/m³
143-50-0	chlordecone (ISO)	17 mg/m³
297-97-2	O,O-diethyl O-pyrazin-2-yl phosphorothioate	3.5 mg/m³
298-00-0	parathion -methyl (ISO)	1.2 mg/m³
298-02-2	phorate (ISO)	0.040 mg/m³
298-04-4	disulfoton	2 mg/m³
510-15-6	chlorobenzilate (ISO)	1.7 ppm
3689-24-5	sulfotep (ISO)	3.5 mg/m³

· **PAC-3:**

75-09-2	dichloromethane	6,900 ppm
56-38-2	parathion (ISO)	2.0 mg/m³
60-51-5	dimethoate (ISO)	170 mg/m³
88-85-7	dinoseb	5.4 mg/m³
93-72-1	silvex (2,4,5-TP)	130 mg/m³
94-75-7	2,4-D (ISO)	500 mg/m³
143-50-0	chlordecone (ISO)	100 mg/m³
297-97-2	O,O-diethyl O-pyrazin-2-yl phosphorothioate	21 mg/m³
298-00-0	parathion -methyl (ISO)	3.5 mg/m³
298-02-2	phorate (ISO)	0.12 mg/m³
298-04-4	disulfoton	8.8 mg/m³
510-15-6	chlorobenzilate (ISO)	10 ppm
3689-24-5	sulfotep (ISO)	35 mg/m³

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7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
· **Information about protection against explosions and fires:** Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** Keep receptacle tightly sealed.
· **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

75-09-2 dichloromethane	
PEL	Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910.1052
REL	See Pocket Guide App. A
TLV	Long-term value: 50 ppm BEI, A3
94-75-7 2,4-D (ISO)	
PEL	Long-term value: 10 mg/m³
REL	Long-term value: 10 mg/m³
TLV	Long-term value: 10* mg/m³ *as inhalable fraction, A4
143-50-0 chlordecone (ISO)	
REL	Long-term value: 0.001 mg/m³ See Pocket Guide App. A
298-00-0 parathion -methyl (ISO)	
REL	Long-term value: 0.2 mg/m³ Skin
TLV	Long-term value: 0.02* mg/m³ Skin; BEI-C;*as inh. fraction and vapor, A4
298-02-2 phorate (ISO)	
REL	Short-term value: 0.2 mg/m³ Long-term value: 0.05 mg/m³ Skin

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TLV	Long-term value: 0.05* mg/m³ Skin; BEI-C;*as inh. fraction and vapor, A4
298-04-4 disulfoton	
REL	Long-term value: 0.1 mg/m³ Skin
TLV	Long-term value: 0.05* mg/m³ Skin; BEI-C;*as inh. fraction and vapor, A4
3689-24-5 sulfotep (ISO)	
PEL	Long-term value: 0.2 mg/m³ Skin
REL	Long-term value: 0.2 mg/m³ Skin
TLV	Long-term value: 0.1* mg/m³ Skin; BEI-C;*as inh. fraction and vapor, A4

· **Ingredients with biological limit values:**

75-09-2 dichloromethane	
BEI	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
298-00-0 parathion -methyl (ISO)	
BEI	70 % of baseline Medium: red blood cells Time: discretionary Parameter: Cholinesterase activity (nonspecific)
298-02-2 phorate (ISO)	
BEI	70 % of baseline Medium: red blood cells Time: discretionary Parameter: Cholinesterase activity (nonspecific)
298-04-4 disulfoton	
BEI	70 % of baseline Medium: red blood cells Time: discretionary Parameter: Cholinesterase activity (nonspecific)
3689-24-5 sulfotep (ISO)	
BEI	70 % of baseline Medium: red blood cells Time: discretionary Parameter: Cholinesterase activity (nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.

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Store protective clothing separately.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

· **Breathing equipment:**
When used as intended with Agilent instruments, the use of the product under normal laboratory conditions and with standard practices does not result in significant airborne exposures and therefore respiratory protection is not needed.
Under an emergency condition where a respirator is deemed necessary, use a NIOSH or equivalent approved device/equipment with appropriate organic or acid gas cartridge.

· **Protection of hands:**
Although not recommended for constant contact with the chemicals or for clean-up, nitrile gloves 11-13 mil thickness are recommended for normal use. The breakthrough time is 1 hr. For cleaning a spill where there is direct contact of the chemical, butyl rubber gloves are recommended 12-15 mil thickness with breakthrough times exceeding 4 hrs. Supplier recommendations should be followed.

· **Material of gloves**
For normal use: nitrile rubber, 11-13 mil thickness
For direct contact with the chemical: butyl rubber, 12-15 mil thickness

· **Penetration time of glove material**
For normal use: nitrile rubber: 1 hour
For direct contact with the chemical: butyl rubber: >4 hours

· **Eye protection:**
Safety glasses

Tightly sealed goggles

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Color:	Colorless
· **Odor:**	Like chlorine
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	-95.1 °C (-139.2 °F)
Boiling point/Boiling range:	40 °C (104 °F)
· **Flash point:**	Not applicable.
· **Flammability (solid, gaseous):**	Not applicable.
· **Auto igniting:**	605 °C (1,121 °F)
· **Decomposition temperature:**	Not determined.
· **Ignition temperature:**	Product is not selfigniting.

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· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	13 Vol %
Upper:	22 Vol %
· **Vapor pressure at 20 °C (68 °F):**	360 hPa (270 mm Hg)
· **Density at 20 °C (68 °F):**	1.3 g/cm³ (10.8485 lbs/gal)
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water at 20 °C (68 °F):	20 g/l
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	98.2 %
VOC content:	0.45 % 4.5 g/l / 0.04 lb/gal
Solids content:	1.2 %
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
ATE (Acute Toxicity Estimate)		
Oral	LD50	281 mg/kg (rat)
Dermal	LD50	835 mg/kg
Inhalative	LC50/4 h	30.1 mg/L

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75-09-2 dichloromethane		
Oral	LD50	1,600 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/L (rat)
52-85-7 famphur		
Oral	LD50	28 mg/kg (rat)
Dermal	LD50	1,460 mg/kg (rabbit)
56-38-2 parathion (ISO)		
Oral	LD50	2 mg/kg (rat)
Dermal	LD50	6.8 mg/kg (rat)
88-85-7 dinoseb		
Oral	LD50	27 mg/kg (rat)
Dermal	LD50	217.5 mg/kg (rat)
94-75-7 2,4-D (ISO)		
Oral	LD50	375 mg/kg (rat)
Dermal	LD50	1,500 mg/kg (rat)
		1,400 mg/kg (rabbit)
140-57-8 aramite		
Oral	LD50	3,900 mg/kg (rat)
143-50-0 chlordecone (ISO)		
Oral	LD50	91.3 mg/kg (rat)
Dermal	LD50	475 mg/kg (rat)
		345 mg/kg (rabbit)
297-97-2 O,O-diethyl O-pyrazin-2-yl phosphorothioate		
Oral	LD50	3.5 mg/kg (rat)
Dermal	LD50	8 mg/kg (rat)
298-00-0 parathion -methyl (ISO)		
Oral	LD50	6.01 mg/kg (rat)
Dermal	LD50	67 mg/kg (rat)
		300 mg/kg (rabbit)
298-02-2 phorate (ISO)		
Oral	LD50	1.6 mg/kg (rat)
Dermal	LD50	2.5 mg/kg (rat)
298-04-4 disulfoton		
Oral	LD50	2 mg/kg (rat)
Dermal	LD50	20 mg/kg (rat)
2303-16-4 di-allate (ISO)		
Oral	LD50	395 mg/kg (rat)
3689-24-5 sulfotep (ISO)		
Oral	LD50	5 mg/kg (rat)
Dermal	LD50	20 mg/kg (rat)

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Inhalative	LC50/4 h	38 mg/L (rat)

· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:**
Sensitization possible through inhalation.
Sensitization possible through skin contact.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Toxic
Harmful
Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
75-09-2	dichloromethane	2A
56-38-2	parathion (ISO)	2B
94-75-7	2,4-D (ISO)	2B
140-57-8	aramite	2B
143-50-0	chlordecone (ISO)	2B
298-00-0	parathion -methyl (ISO)	3
510-15-6	chlorobenzilate (ISO)	3
2303-16-4	di-allate (ISO)	3

· **NTP (National Toxicology Program)**		
75-09-2	dichloromethane	R
143-50-0	chlordecone (ISO)	R

· **OSHA-Ca (Occupational Safety & Health Administration)**	
75-09-2	dichloromethane

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· **Not Regulated, De minimis Quantities**	-
· **UN-Number**	
· **DOT, IMDG, IATA**	UN1593
· **UN proper shipping name**	
· **DOT**	Dichloromethane
· **IMDG**	DICHLOROMETHANE, MARINE POLLUTANT
· **IATA**	DICHLOROMETHANE
· **Transport hazard class(es)**	
· **DOT**	
· **Class**	6.1 Toxic substances
· **Label**	6.1
· **IMDG**	
· **Class**	6.1 Toxic substances
· **Label**	6.1
· **IATA**	
· **Class**	6.1 Toxic substances
· **Label**	6.1
· **Packing group**	
· **DOT, IMDG, IATA**	III

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· **Environmental hazards:**	
· **Marine pollutant:**	Symbol (fish and tree)
· **Special precautions for user**	Warning: Toxic substances
· **Hazard identification number (Kemler code):**	60
· **EMS Number:**	F-A,S-A
· **Segregation groups**	(SGG10) Liquid halogenated hydrocarbons
· **Stowage Category**	A
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **DOT**	
· **Quantity limitations**	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· **Hazardous substance:**	1000 lbs, 454 kg
· **IMDG**	
· **Limited quantities (LQ)**	5L
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **UN "Model Regulation":**	UN 1593 DICHLOROMETHANE, 6.1, III, ENVIRONMENTALLY HAZARDOUS

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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**	
56-38-2	parathion (ISO)
60-51-5	dimethoate (ISO)
88-85-7	dinoseb
297-97-2	O,O-diethyl O-pyrazin-2-yl phosphorothioate
298-00-0	parathion -methyl (ISO)
298-02-2	phorate (ISO)
298-04-4	disulfoton
3689-24-5	sulfotep (ISO)

· **Section 313 (Specific toxic chemical listings):**	
75-09-2	dichloromethane
52-85-7	famphur
56-38-2	parathion (ISO)
60-51-5	dimethoate (ISO)
88-85-7	dinoseb
94-75-7	2,4-D (ISO)

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298-00-0	parathion -methyl (ISO)
510-15-6	chlorobenzilate (ISO)
2303-16-4	di-allate (ISO)

· **TSCA (Toxic Substances Control Act):**
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.

75-09-2	dichloromethane	ACTIVE
52-85-7	famphur	ACTIVE
60-51-5	dimethoate (ISO)	ACTIVE
88-85-7	dinoseb	ACTIVE
94-75-7	2,4-D (ISO)	ACTIVE
297-97-2	O,O-diethyl O-pyrazin-2-yl phosphorothioate	ACTIVE
510-15-6	chlorobenzilate (ISO)	ACTIVE

· **Hazardous Air Pollutants**	
75-09-2	dichloromethane
56-38-2	parathion (ISO)
94-75-7	2,4-D (ISO)
510-15-6	chlorobenzilate (ISO)

· **Proposition 65**

· **Chemicals known to cause cancer:**	
75-09-2	dichloromethane
56-38-2	parathion (ISO)
140-57-8	aramite
143-50-0	chlordecone (ISO)
510-15-6	chlorobenzilate (ISO)

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**	
88-85-7	dinoseb

· **Chemicals known to cause developmental toxicity:**	
88-85-7	dinoseb

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143-50-0	chlordecone (ISO)

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**		
75-09-2	dichloromethane	L
56-38-2	parathion (ISO)	C
88-85-7	dinoseb	D
93-72-1	silvex (2,4,5-TP)	D
140-57-8	aramite	B2
143-50-0	chlordecone (ISO)	L

· **TLV (Threshold Limit Value)**		
75-09-2	dichloromethane	A3
56-38-2	parathion (ISO)	A4
94-75-7	2,4-D (ISO)	A4
298-00-0	parathion -methyl (ISO)	A4
298-02-2	phorate (ISO)	A4
298-04-4	disulfoton	A4
3689-24-5	sulfotep (ISO)	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**	
75-09-2	dichloromethane
143-50-0	chlordecone (ISO)

· **National regulations:**

· **Information about limitation of use:**
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.
Exceptions can be made by the authorities in certain cases.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation.
No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

· **Department issuing SDS:** Document Control / Regulatory
· **Contact:** pdl-acg-regulatory-cq@agilent.com
· **Date of preparation / last revision** 01/08/2025 / 4
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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Safety Data Sheet
acc. to OSHA HCS

Printing date: 01/08/2025 Revision date: 01/08/2025

Product Name: Semi-Volatiles Standard no. 7 (1X1 mL)

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PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Acute Toxicity - Oral 3: Acute toxicity – Category 3
Skin Irritation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - Respiratory 1: Respiratory sensitisation – Category 1
Sensitization - Skin 1: Skin sensitisation – Category 1
Carcinogenicity 1B: Carcinogenicity – Category 1B
Toxic to Reproduction 1B: Reproductive toxicity – Category 1B
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2

· *** Data compared to the previous version altered.**