

Safety Data Sheet

acc. to OSHA HCS

Printing date 03/31/2019

Version Number 3

Reviewed on 03/31/2019

1 Identification

- **Product identifier**
- **Trade name:** QualityCheck Semi-Volatiles Sample (1X2 mL)
- **Part number:** QCM-310
- **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

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carc. 1B H350 May cause cancer.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

dichloromethane
 acetone
 dibenz[a,h]anthracene

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benzo[a]pyrene

· Hazard statements

Highly flammable liquid and vapor.

Causes skin irritation.

Causes serious eye irritation.

May cause cancer.

May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

· Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Health = 2

Fire = 3

Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = *2

Fire = 3

Reactivity = 0

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

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 · **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	62.438%
67-64-1	acetone	37.246%
53-70-3	dibenz[a,h]anthracene	0.0189%
50-32-8	benzo[a]pyrene	0.0189%

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.
- **After inhalation:** 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:** If symptoms persist consult doctor.
- **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.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **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.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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· 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 item 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
67-64-1	acetone	200 ppm
129-00-0	pyrene	0.15 mg/m ³
86-73-7	fluorene	6.6 mg/m ³
120-12-7	anthracene	48 mg/m ³
85-01-8	phenanthrene	5.4 mg/m ³
208-96-8	acenaphthylene	10 mg/m ³
53-70-3	dibenz[a,h]anthracene	0.093 mg/m ³
193-39-5	indeno[1,2,3-cd]pyrene	1.2 mg/m ³
205-99-2	benz[e]acephenanthrylene	0.12 mg/m ³
50-32-8	benzo[a]pyrene	0.6 mg/m ³
56-55-3	benz[a]anthracene	0.6 mg/m ³
191-24-2	benzo[ghi]perylene	30 mg/m ³
84-74-2	dibutyl phthalate	15 mg/m ³
85-68-7	BBP	15 mg/m ³
84-66-2	diethyl phthalate	15 mg/m ³
131-11-3	dimethyl phthalate	15 mg/m ³
117-81-7	di-(2-ethylhexyl) phthalate	10 mg/m ³
103-23-1	Di-(2-ethylhexyl) adipate	17 mg/m ³
87-86-5	pentachlorophenol	1 mg/m ³
77-47-4	hexachlorocyclopentadiene	0.03 ppm
118-74-1	hexachlorobenzene	0.006 mg/m ³

· PAC-2:

75-09-2	dichloromethane	560 ppm
67-64-1	acetone	3200* ppm
129-00-0	pyrene	1.7 mg/m ³
86-73-7	fluorene	72 mg/m ³
120-12-7	anthracene	530 mg/m ³
85-01-8	phenanthrene	59 mg/m ³
208-96-8	acenaphthylene	110 mg/m ³
53-70-3	dibenz[a,h]anthracene	1 mg/m ³
193-39-5	indeno[1,2,3-cd]pyrene	13 mg/m ³
205-99-2	benz[e]acephenanthrylene	1.3 mg/m ³

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		(Contd. of page 4)
50-32-8	benzo[a]pyrene	120 mg/m ³
56-55-3	benz[a]anthracene	120 mg/m ³
191-24-2	benzo[ghi]perylene	330 mg/m ³
84-74-2	dibutyl phthalate	1,600 mg/m ³
85-68-7	BBP	77 mg/m ³
84-66-2	diethyl phthalate	300 mg/m ³
131-11-3	dimethyl phthalate	1,600 mg/m ³
117-81-7	di-(2-ethylhexyl) phthalate	1,000 mg/m ³
103-23-1	Di-(2-ethylhexyl) adipate	180 mg/m ³
87-86-5	pentachlorophenol	15 mg/m ³
77-47-4	hexachlorocyclopentadiene	0.55 ppm
118-74-1	hexachlorobenzene	14 mg/m ³

· PAC-3:

75-09-2	dichloromethane	6,900 ppm
67-64-1	acetone	5700* ppm
129-00-0	pyrene	110 mg/m ³
86-73-7	fluorene	430 mg/m ³
120-12-7	anthracene	3,200 mg/m ³
85-01-8	phenanthrene	360 mg/m ³
208-96-8	acenaphthylene	660 mg/m ³
53-70-3	dibenz[a,h]anthracene	2.9 mg/m ³
193-39-5	indeno[1,2,3-cd]pyrene	79 mg/m ³
205-99-2	benz[e]acephenanthrylene	7.9 mg/m ³
50-32-8	benzo[a]pyrene	700 mg/m ³
56-55-3	benz[a]anthracene	700 mg/m ³
191-24-2	benzo[ghi]perylene	2,000 mg/m ³
84-74-2	dibutyl phthalate	9300* mg/m ³
85-68-7	BBP	460 mg/m ³
84-66-2	diethyl phthalate	1,800 mg/m ³
131-11-3	dimethyl phthalate	9300* mg/m ³
117-81-7	di-(2-ethylhexyl) phthalate	6,100 mg/m ³
103-23-1	Di-(2-ethylhexyl) adipate	1,100 mg/m ³
87-86-5	pentachlorophenol	150 mg/m ³
77-47-4	hexachlorocyclopentadiene	1 ppm
118-74-1	hexachlorobenzene	91 mg/m ³

7 Handling and storage

· Handling:
· Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.

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- Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
 - Keep ignition sources away - Do not smoke.
 - Protect against electrostatic charges.
 - Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 - Keep receptacle tightly sealed.
 - Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

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: 174 mg/m ³ , 50 ppm BEI

67-64-1 acetone

PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI

50-32-8 benzo[a]pyrene

PEL	Long-term value: 0.2 mg/m ³ see Coal tar pitch volatiles
REL	Long-term value: 0.1 mg/m ³ Coal tar pitch volatile; Pocket Guide Apps. A+C
TLV	L; BEIp

- **Ingredients with biological limit values:**

75-09-2 dichloromethane

BEI	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
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67-64-1 acetone

BEI	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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50-32-8 benzo[a]pyrene

BEI	- Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)
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· **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.
- Store protective clothing separately.
- 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:**



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

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· Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	40 °C (104 °F)
· Flash point:	-17 °C (1.4 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	465 °C (869 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	2.6 Vol %
Upper:	22 Vol %
· Vapor pressure at 20 °C (68 °F):	360 hPa (270 mm Hg)
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	99.7 %
VOC content:	0.00 %
	0.0 g/l / 0.00 lb/gal
· Solids content:	0.2 %
· 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.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

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

- **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Oral	LD50	2,563 mg/kg (rat)
Dermal	LD50	>3,203 mg/kg (rat)
Inhalative	LC50/4 h	141 mg/L (rat)

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)

67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

75-09-2	dichloromethane	2A
129-00-0	pyrene	3
86-73-7	fluorene	3
120-12-7	anthracene	3
85-01-8	phenanthrene	3
53-70-3	dibenz[a,h]anthracene	2A
193-39-5	indeno[1,2,3-cd]pyrene	2B
205-99-2	benz[e]acephenanthrylene	2B
50-32-8	benzo[a]pyrene	1
56-55-3	benz[a]anthracene	2B
191-24-2	benzo[ghi]perylene	3
85-68-7	BBP	3
207-08-9	benzo[k]fluoranthene	2B
117-81-7	di-(2-ethylhexyl) phthalate	2B

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103-23-1	Di-(2-ethylhexyl) adipate	3
87-86-5	pentachlorophenol	2B
118-74-1	hexachlorobenzene	2B

· NTP (National Toxicology Program)

75-09-2	dichloromethane	R
129-00-0	pyrene	R
86-73-7	fluorene	R
120-12-7	anthracene	R
85-01-8	phenanthrene	R
53-70-3	dibenz[a,h]anthracene	R
193-39-5	indeno[1,2,3-cd]pyrene	R
205-99-2	benz[e]acephenanthrylene	R
50-32-8	benzo[a]pyrene	R
56-55-3	benz[a]anthracene	R
207-08-9	benzo[k]fluoranthene	R
117-81-7	di-(2-ethylhexyl) phthalate	R
87-86-5	pentachlorophenol	R
118-74-1	hexachlorobenzene	R

· OSHA-Ca (Occupational Safety & Health Administration)

75-09-2	dichloromethane	
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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.
- **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.

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

14 Transport information

· UN-Number · DOT, IMDG, IATA	UN1992
· UN proper shipping name · DOT · IMDG, IATA	Flammable liquids, toxic, n.o.s. (Acetone, Dichloromethane) FLAMMABLE LIQUID, TOXIC, N.O.S. (ACETONE, DICHLOROMETHANE)
· Transport hazard class(es) · DOT 	3 Flammable liquids 3, 6.1
· IMDG 	3 Flammable liquids 3/6.1
· IATA 	3 Flammable liquids 3 (6.1)
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· Special precautions for user · Danger code (Kemler): · EMS Number: · Segregation groups · Stowage Category · Stowage Code	Warning: Flammable liquids 336 F-E,S-D Liquid halogenated hydrocarbons B SW2 Clear of living quarters.

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· 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: 5 L On cargo aircraft only: 60 L
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (ACETONE, DICHLOROMETHANE), 3 (6.1), II, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

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

· Section 355 (extremely hazardous substances):

129-00-0	pyrene
77-47-4	hexachlorocyclopentadiene

· Section 313 (Specific toxic chemical listings):

75-09-2	dichloromethane
120-12-7	anthracene
85-01-8	phenanthrene
53-70-3	dibenz[a,h]anthracene
193-39-5	indeno[1,2,3-cd]pyrene
205-99-2	benz[e]acephenanthrylene
50-32-8	benzo[a]pyrene
56-55-3	benz[a]anthracene
191-24-2	benzo[ghi]perylene
84-74-2	dibutyl phthalate
131-11-3	dimethyl phthalate
207-08-9	benzo[k]fluoranthene
117-81-7	di-(2-ethylhexyl) phthalate
87-86-5	pentachlorophenol
77-47-4	hexachlorocyclopentadiene
118-74-1	hexachlorobenzene

· TSCA (Toxic Substances Control Act):

75-09-2	dichloromethane
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67-64-1	acetone
129-00-0	pyrene
86-73-7	fluorene
120-12-7	anthracene
85-01-8	phenanthrene
208-96-8	acenaphthylene
53-70-3	dibenz[a,h]anthracene
193-39-5	indeno[1,2,3-cd]pyrene
50-32-8	benzo[a]pyrene
56-55-3	benz[a]anthracene
84-74-2	dibutyl phthalate
85-68-7	BBP
84-66-2	diethyl phthalate
131-11-3	dimethyl phthalate
117-81-7	di-(2-ethylhexyl) phthalate
103-23-1	Di-(2-ethylhexyl) adipate
87-86-5	pentachlorophenol
77-47-4	hexachlorocyclopentadiene
118-74-1	hexachlorobenzene

· TSCA new (21st Century Act): (Substances not listed)

53-70-3	dibenz[a,h]anthracene
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· Proposition 65
· Chemicals known to cause cancer:

75-09-2	dichloromethane
53-70-3	dibenz[a,h]anthracene
193-39-5	indeno[1,2,3-cd]pyrene
205-99-2	benz[e]acephenanthrylene
50-32-8	benzo[a]pyrene
56-55-3	benz[a]anthracene
207-08-9	benzo[k]fluoranthene
117-81-7	di-(2-ethylhexyl) phthalate
87-86-5	pentachlorophenol
118-74-1	hexachlorobenzene

· Chemicals known to cause reproductive toxicity for females:

84-74-2	dibutyl phthalate
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· Chemicals known to cause reproductive toxicity for males:

84-74-2	dibutyl phthalate
117-81-7	di-(2-ethylhexyl) phthalate

· Chemicals known to cause developmental toxicity:

84-74-2	dibutyl phthalate
85-68-7	BBP

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Safety Data Sheet

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117-81-7	di-(2-ethylhexyl) phthalate
118-74-1	hexachlorobenzene

· Carcinogenic categories
· EPA (Environmental Protection Agency)

75-09-2	dichloromethane	L
67-64-1	acetone	I
129-00-0	pyrene	D
86-73-7	fluorene	D
120-12-7	anthracene	D
85-01-8	phenanthrene	D
208-96-8	acenaphthylene	D
53-70-3	dibenz[a,h]anthracene	B2
193-39-5	indeno[1,2,3-cd]pyrene	B2
205-99-2	benz[e]acephenanthrylene	B2
50-32-8	benzo[a]pyrene	CaH
56-55-3	benz[a]anthracene	B2
191-24-2	benzo[ghi]perylene	D
84-74-2	dibutyl phthalate	D
85-68-7	BBP	C
84-66-2	diethyl phthalate	D
131-11-3	dimethyl phthalate	D
207-08-9	benzo[k]fluoranthene	B2
117-81-7	di-(2-ethylhexyl) phthalate	B2
103-23-1	Di-(2-ethylhexyl) adipate	C
87-86-5	pentachlorophenol	L
77-47-4	hexachlorocyclopentadiene	E, NL
118-74-1	hexachlorobenzene	B2

· TLV (Threshold Limit Value established by ACGIH)

75-09-2	dichloromethane	A3
67-64-1	acetone	A4
205-99-2	benz[e]acephenanthrylene	A2
50-32-8	benzo[a]pyrene	A2
56-55-3	benz[a]anthracene	A2
84-66-2	diethyl phthalate	A4
117-81-7	di-(2-ethylhexyl) phthalate	A3
87-86-5	pentachlorophenol	A3
77-47-4	hexachlorocyclopentadiene	A4
118-74-1	hexachlorobenzene	A3

· NIOSH-Ca (National Institute for Occupational Safety and Health)

75-09-2	dichloromethane
50-32-8	benzo[a]pyrene

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Trade name: QualityCheck Semi-Volatiles Sample (1X2 mL)

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117-81-7 | di-(2-ethylhexyl) phthalate

- **National regulations:**
- **Additional classification according to Decree on Hazardous Materials:**
Carcinogenic hazardous material group III (dangerous).
- **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:** regulatory@ultrasci.com
- **Date of preparation / last revision** 03/31/2019 / 2
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport 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
ACGIH: American Conference of Governmental Industrial Hygienists
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
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
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Carc. 1B: Carcinogenicity – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- *** Data compared to the previous version altered.**