

Printing date 07/28/2021 Review date 07/28/2021

1 Identification

- · Product identifier
- · Trade name: Mix- Purgeable Gases methods 8260B/524.2
- · Article number N9331048
- · Application of the substance / the mixture Laboratory chemicals
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

PerkinElmer, Inc. 710 Bridgeport Avenue Shelton, Connecticut 06484 USA CustomerCareUS@perkinelmer.com 203-925-4600

· Emergency telephone number:

CHEMTREC (within US) 800-424-9300

CHEMTREC (from outside US) +1 703-527-3887 (call collect)

CHEMTREC (within AU) +(61)-290372994

2 Hazard(s) identification

· Classification of the substance or mixture



Flame

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



Skull and crossbones

Acute Tox. 3 H331 Toxic if inhaled.



Health hazard

Carc. 1A H350 May cause cancer.

STOT SE 1 H370 Causes damage to organs.

- · Label elements
- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms GHS02, GHS06, GHS08
- · Signal word Danger
- · Hazard-determining components of labeling:

methanol

vinyl chloride

bromomethane

· Hazard statements

H225 Highly flammable liquid and vapor.

H331 Toxic if inhaled.

H350 May cause cancer.

(Contd. on page 2)



Review date 07/28/2021 Printing date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 1)

H370 Causes damage to organs.

· Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P240 Ground/bond container and receiving equipment.

P241 *Use explosion-proof electrical/ventilating/lighting/equipment.*

P242 *Use only non-sparking tools.*

P243 Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. P260

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.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/

shower.

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

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see on this label).

In case of fire: Use for extinction: CO2, powder or water spray. P370+P378 Store in a well-ventilated place. Keep container tightly closed. P403+P233

P403+P235 Store in a well-ventilated place. Keep cool.

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 = 1Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = *1Fire = 3REACTIVITY $\boxed{0}$ Reactivity = 0

· Other hazards

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

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

3 Composition/information on ingredients

CAS No. Description 67-56-1 Methy Alcohol

· EC number: 200-659-6

(Contd. on page 3)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

· Index number: 603-001-00

· Chemical characterization: Mixtures

(Contd. of page 2)

Hazardo	ous components:	
67-56-1	methanol Flam. Liq. 2, H225 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT SE 1, H370	98.89
74-83-9	bromomethane Press. Gas, H280 Acute Tox. 3, H301; Acute Tox. 3, H331 Muta. 2, H341; STOT RE 2, H373 Aquatic Acute 1, H400 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335; Ozone 1, H420	0.2%
74-87-3	chloromethane	0.2%
75-00-3	chloroethane Flam. Gas 1, H220; Flam. Liq. 1, H224 Press. Gas, H280 Carc. 2, H351 Aquatic Chronic 3, H412	0.2%
75-01-4	vinyl chloride Flam. Gas 1, H220 Press. Gas, H280 Carc. 1A, H350 Acute Tox. 4, H302	0.2%
75-69-4	trichlorofluoromethane Ozone 1, H420	0.2%

· Additional Components

75-43-4 dichlorofluoromethane

Press. Gas, H280 Acute Tox. 4, H332 0.2%

4 First-aid measures

- · Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

· After inhalation:

Supply fresh air or oxygen; call for 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.

(Contd. on page 4)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 3)

- · After eve contact: Rinse opened eve for several minutes under running water. Then consult a doctor.
- · After swallowing: Do not induce vomiting; immediately call for medical help.
- · 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.

· 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.
- · Additional information Cool endangered receptacles with water spray.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Prevent seepage into sewage system, workpits and cellars.

Dilute with plenty of 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 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:	
TAC-1.	
67-56-1 methanol	530 ppm
74-83-9 bromomethane	19 ppm
74-87-3 chloromethane	150 ppm
75-00-3 chloroethane	300 ppm
75-01-4 vinyl chloride	250 ppm
75-43-4 dichlorofluoromethane	30 ppm
75-69-4 trichlorofluoromethane	91 ppm
PAC-2:	
67-56-1 methanol	2,100 ppm

USA ·

(Contd. on page 5)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

74_83_9	bromomethane	(Contd. of page 4) 210 ppm
	chloromethane	910 ppm
75-00-3	chloroethane	5100* ppm
75-01-4	vinyl chloride	1,200 ppm
75-43-4	dichlorofluoromethane	8,300 ppm
75-69-4	trichlorofluoromethane	1,000 ppm
· PAC-3:		
67-56-1	methanol	7200* ppm
74-83-9	bromomethane	740 ppm
74-87-3	chloromethane	3,000 ppm
75-00-3	chloroethane	20000** ppm
75-01-4	vinyl chloride	4800* ppm
75-43-4	dichlorofluoromethane	50,000 ppm
75-69-4	trichlorofluoromethane	10,000 ppm

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 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.

(Contd. on page 6)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 5) · Control parameters · Components with limit values that require monitoring at the workplace: 67-56-1 methanol PEL Long-term value: 260 mg/m³, 200 ppm REL Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin TLV Short-term value: 328 mg/m³, 250 ppm Long-term value: 262 mg/m³, 200 ppm Skin; BEI 74-83-9 bromomethane PEL Ceiling limit value: 80 mg/m³, 20 ppm REL See Pocket Guide App. A TLV Long-term value: 3.9 mg/m³, 1 ppm Skin 74-87-3 chloromethane PEL Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 3 hrs REL See Pocket Guide App. A TLV Short-term value: 207 mg/m³, 100 ppm Long-term value: 103 mg/m³, 50 ppm Skin 75-00-3 chloroethane PEL Long-term value: 2600 mg/m³, 1000 ppm REL Handle with caution; See Pocket Guide App. C TLV Long-term value: 264 mg/m³, 100 ppm Skin 75-01-4 vinyl chloride PEL Short-term value: 5* ppm Long-term value: 1 ppm *Avg. not exceeding any 15 min; see 29CFR1910.1017 REL See Pocket Guide App.A TLV Long-term value: 2.6 mg/m³, 1 ppm 75-69-4 trichlorofluoromethane PEL Long-term value: 5600 mg/m³, 1000 ppm REL Ceiling limit value: 5600 mg/m³, 1000 ppm TLV Ceiling limit value: 5620 mg/m³, 1000 ppm

(Contd. on page 7)



Review date 07/28/2021 Printing date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 6)

· Ingredients with biological limit values:

67-56-1 methanol

BEI 15 mg/L

Medium: urine Time: end of shift

Parameter: Methanol (background, 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.

Store protective clothing separately.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles or safety glasses

9 Physical and chemical properties

- · Information on basic physical and chemical properties
- · General Information
- · Appearance:

Form: Liquid Color: **Transparent** · Odor: Characteristic

(Contd. on page 8)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

	(Contd. of page
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	-98 °C (-144.4 °F)
Boiling point/Boiling range:	64 °C (147.2 °F)
Flash point:	11 °C (51.8 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	455 °C (851 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vap
	mixtures are possible.
Explosion limits:	
Lower:	5.5 Vol %
Upper:	44 Vol %
Vapor pressure at 20 °C (68 °F):	128 hPa (96 mm Hg)
Density at 20 °C (68 °F):	0.79 g/cm³ (6.59255 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Fully miscible.
Partition coefficient (n-octanol/wate	er): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	99.0 %
VOC content:	99.00 %
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.

(Contd. on page 9)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 8)

· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50 1	· LD/LC50 values that are relevant for classification:			
67-56-1 m	ethanol			
Oral	LD50	5628 mg/kg (rat)		
Dermal	LD50	15800 mg/kg (rabbit)		
74-83-9 br	omometha	ine		
Oral	LD50	214 mg/kg (rat)		
Inhalative	LC50/4 h	302 mg/l (rat)		
75-01-4 vii	nyl chlorid	de		
Oral	LD50	500 mg/kg (rat)		
75-69-4 tri	75-69-4 trichlorofluoromethane			
Oral	LD50	>15000 mg/kg (rat)		

- · Primary irritant effect:
- · on the skin: No irritant effect.
- on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

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

· Carcinogenic categories

· IARC (I	International Agency for Research on Cancer)	
74-83-9	bromomethane	3
74-87-3	chloromethane	3
75-00-3	chloroethane	3
75-01-4	vinyl chloride	1
· NTP (N	ational Toxicology Program)	
75-01-4	vinyl chloride	K
· OSHA-	Ca (Occupational Safety & Health Administration)	
75-01-4	vinyl chloride	

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.

(Contd. on page 10)



Review date 07/28/2021 Printing date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 9)

- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- · 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:

Dispose of container and materials in accordance with local, regional and national regulations.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

14 T	rans	port	inf	ormat	tion
------	------	------	-----	-------	------

	T 7	AT	A 7 .	ımh	
•	•	/V-	. /VI	ımn	or

· DOT, ADR, IMDG, IATA

UN1992

· UN proper shipping name

 $\cdot DOT$

 $\cdot ADR$

· IMDG, IATA

Flammable liquids, toxic, n.o.s. (Methanol)

1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL)

FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL)

- · Transport hazard class(es)
- $\cdot DOT$





· Class · Label 3 Flammable liquids

3, 6.1

 $\cdot ADR$





Class

3 (FT1) Flammable liquids

(Contd. on page 11)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 10) ·Label 3+6.1· IMDG · Class 3 Flammable liquids ·Label 3/6.1 \cdot IATA · Class 3 Flammable liquids ·Label 3 (6.1) · Packing group · DOT, ADR, IMDG, IATA II· Environmental hazards: · Marine pollutant: No · Special precautions for user Warning: Flammable liquids · Hazard identification number (Kemler code): 336 · EMS Number: F-E,S-D· Stowage Category · Stowage Code SW2 Clear of living quarters. · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · Transport/Additional information: · Quantity limitations On passenger aircraft/rail: 1 L On cargo aircraft only: 60 L $\cdot ADR$ Code: E2 · Excepted quantities (EQ) Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml · 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

(Contd. on page 12)



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 11)

· UN ''Model Regulation'':

UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL), 3 (6.1), II

Safety, h	nealth and environmental regulations/legislation specific for the substance or mixture	?
67-56-1	methanol Flam. Liq. 2, H225 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT SE 1, H370	98.
74-83-9	bromomethane Press. Gas, H280 Acute Tox. 3, H301; Acute Tox. 3, H331 Muta. 2, H341; STOT RE 2, H373 Aquatic Acute 1, H400 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335; Ozone 1, H420	0
74-87-3	chloromethane Flam. Gas 1, H220 Press. Gas, H280 Acute Tox. 2, H330 Carc. 2, H351; STOT RE 2, H373 Acute Tox. 4, H302	0
Sara		
Section .	355 (extremely hazardous substances):	
74-83-9	bromomethane	
Section .	313 (Specific toxic chemical listings):	
	edients are listed.	
	Toxic Substances Control Act): edients are listed.	
67-56-1	methanol	ACTI
74-83-9	bromomethane	ACTI
74-87-3	chloromethane	ACTI
75-00-3	chloroethane	ACTI
75-01-4	vinyl chloride	ACTI
75-43-4	dichlorofluoromethane	ACTI
75-69-4	trichlorofluoromethane	ACTI
Hazardo	ous Air Pollutants	1
67-56-1	methanol	
	bromomethane	
74-87-3	chloromethane	
	chloroethane	

.. ... 1...



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 12)

· Proposition 65

· Chemicals	known	to	cause	cancer:
-------------	-------	----	-------	---------

75-00-3 chloroethane

75-01-4 vinyl chloride

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

74-87-3 chloromethane

· Chemicals known to cause developmental toxicity:

67-56-1 methanol

74-83-9 bromomethane

74-87-3 chloromethane

· Cancerogenity categories

· EPA (E	nvironmental Protection Agency)	
74-83-9	bromomethane	D
74-87-3	chloromethane	D, CBD
75-01-4	vinyl chloride	A, K/L

TLV (Threshold Limit Value established by ACGIH)

74-83-9	bromomethane	A4
74-87-3	chloromethane	A4
75-00-3	chloroethane	A3
75-01-4	vinyl chloride	A1

75-69-4 trichlorofluoromethane NIOSH-Ca (National Institute for Occupational Safety and Health)

74-83-9 bromomethane

74-87-3 chloromethane

75-01-4 vinyl chloride

· 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 this hazardous material. Exceptions can be made by the authorities in certain cases.

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.

- · Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

Disclaimer

The information provided in this Material Safety Data Sheet is based on our present knowledge,

(Contd. on page 14)

A4



Printing date 07/28/2021 Review date 07/28/2021

Trade name: Mix- Purgeable Gases methods 8260B/524.2

(Contd. of page 13)

and believed to be correct at the date of publication. However, no representation is made concerning its accuracy and completeness. It is intended as guidance only, and is not to be considered a warranty or quality specification. All materials may present unknown hazards, and should be used with caution. Although certain hazards are described, we cannot guarantee that these are the only hazards which exist. PerkinElmer shall not be held liable for any damage resulting from handling or from contact with the product.

· Department issuing SDS: Environmental, Health and Safety

· Contact:

Within the USA: 1-(800)-762-4000 Outside the USA: 1-(203)-712-8488

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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. Gas 1: Flammable gases – Category 1

Press. Gas: Gases under pressure - Compressed gas

Flam. Liq. 1: Flammable liquids – Category 1

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity - Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Muta. 2: Germ cell mutagenicity – Category 2

Carc. 1A: Carcinogenicity - Category 1A

Carc. 2: Carcinogenicity - Category 2

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

Ozone 1: Hazardous to the ozone layer – Category 1

* * Data compared to the previous version altered.