Printing date 07/03/2024 Reviewed on 07/03/2024

1 Identification

· Product identifier

· Trade name: Carnoy's Solution

(Fixative)

· Article number: C1817

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier: Aqua Solutions, Inc. 6913 Highway 225 DEER PARK, TX 77536 USA800-256-2586

· Information department:

Technical Coordinator

Sherman Nelson shermann@aquasolutions.org

· Emergency telephone number: Chemtrec: 800-424-9300 Canutec: 613-996-6666



2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flammable Liquids 2

GHS06 Skull and crossbones

Acute Toxicity - Inhalation 3 H331 Toxic if inhaled.



GHS08 Health hazard

Carcinogenicity 2 H351 Suspected of causing cancer.

Toxic to Reproduction 2 H361 Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity - Repeated Exposure 1 H372 Causes damage to the central nervous system, the kidneys, the liver and the respiratory system

through prolonged or repeated exposure.

H225 Highly flammable liquid and vapor.



GHS07

Acute Toxicity - Oral 4 H302 Harmful if swallowed. H315 Causes skin irritation. Skin Irritation 2

Eve Irritation 2A H319 Causes serious eye irritation.

Sensitization - Skin 1 H317 May cause an allergic skin reaction.

· Label elements

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

(Contd. on page 2)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 1)

· Hazard pictograms









GHS02

GHS07

GHS06

· Signal word Danger

· Hazard-determining components of labeling:

Chloroform

Acetic Acid, Glacial

Methanol

· Hazard statements

Highly flammable liquid and vapor.

Harmful if swallowed.

Toxic if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to the central nervous system, the kidneys, the liver and the respiratory system 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.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

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

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

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.

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 or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use CO2, powder or water spray to extinguish.

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

Store in a well-ventilated place. Keep cool.

(Contd. on page 3)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 2)

Store locked up.

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

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



Health = 2Fire = 3Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 2Fire = 3

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

3 Composition/information on ingredients

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

· Dangerous co	•	
CAS: 67-66-3	Chloroform	43.406%
CAS: 64-17-5	Ethyl Alcohol, Absolute 200 Proof	41.674%
CAS: 64-19-7	Acetic Acid, Glacial	10.295%
CAS: 67-56-1		2.322%
CAS: 67-63-0	Isopropanol	2.303%

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.

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.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: Immediately call a doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.

(Contd. on page 4)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 3)

· 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.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Dilute with plenty of water.

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:	
CAS: 67-66-3 Chloroform	2 ppm
CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof	1,800 ppm
CAS: 64-19-7 Acetic Acid, Glacial	5 ppm
CAS: 67-56-1 Methanol	530 ppm
CAS: 67-63-0 Isopropanol	400 ppm
PAC-2:	
CAS: 67-66-3 Chloroform	64 ppm
CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof	3300* ppn
CAS: 64-19-7 Acetic Acid, Glacial	35 ppm
CAS: 67-56-1 Methanol	2,100 ppm
CAS: 67-63-0 Isopropanol	2000* ppn
PAC-3:	
CAS: 67-66-3 Chloroform	3,200 ppm
CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof	15000* ppm
CAS: 64-19-7 Acetic Acid, Glacial	250 ppm
CAS: 67-56-1 Methanol	7200* ppm
	(Contd. on page

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

 CAS: 67-63-0
 Isopropanol
 (Contd. of page 4)

 12000** ppm
 12000** 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.

 \cdot *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 section 7.
- · Control parameters

· Comp	· Components with limit values that require monitoring at the workplace:	
CAS:	67-66-3 Chloroform	
PEL	Ceiling limit value: 240 mg/m³, 50 ppm	
REL	Short-term value: 9.78* mg/m³, 2* ppm	
	*60-min; See Pocket Guide App. A	
TLV	Long-term value: 10 ppm	
	A 3	

CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof

	Long-term value: 1900 mg/m³, 1000 ppm
REL	Long-term value: 1900 mg/m³, 1000 ppm

TLV Short-term value: 1000 ppm

CAS: 64-19-7 Acetic Acid, Glacial

PEL	Long-term value: 25 mg/m³, 10 ppm
REL	Short-term value: 37 mg/m³, 15 ppm
	Long-term value: 25 mg/m³, 10 ppm

TLV Short-term value: 15 ppm Long-term value: 10 ppm

(Contd. on page 6)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 5)

CAS: 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: 250 ppm Long-term value: 200 ppm

Skin; BEIc

CAS: 67-63-0 Isopropanol

PEL Long-term value: 980 mg/m³, 400 ppm

REL Short-term value: 1225 mg/m³, 500 ppm

Long-term value: 980 mg/m³, 400 ppm

TLV Short-term value: 400 ppm Long-term value: 200 ppm

BEI, A4

· Ingredients with biological limit values:

CAS: 67-56-1 Methanol

BEI 15 mg/L

LD50 Intraperitoneal: urine

Time: end of shift

LD50: Methanol (background, nonspecific)

CAS: 67-63-0 Isopropanol

BEI 40 mg/L

LD50 Intraperitoneal: urine

Time: end of shift at end of workweek LD50: Acetone (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.

Avoid contact with the eyes and skin.

· 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.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the

chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 7)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 6)

· 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

α $D1$	•	1 1	7			, ·
y Ph	vsical	and	C	remical	nro	norties
7 1 10	ybrour	with	-	<i>territe</i>	טוקי	PULLUCS

· Information on basi	c pnysicai and	i cnemicai properties
Con and Informatio		

· General Information

· Appearance:

Form: Liquid Color: Clear

Odor: CharacteristicOdor threshold: Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 118 °C (244.4 °F)

• Flash point: $0 \, ^{\circ}C \, (32 \, ^{\circ}F)$

· Flammability (solid, gaseous): Highly flammable.

• Auto igniting: $425 \, ^{\circ}C \, (797 \, ^{\circ}F)$

· Decomposition temperature: Not determined.

• **Ignition temperature:** Product is not selfigniting.

• Danger of explosion: Product is not explosive. However, formation of explosive air/vapor

mixtures are possible.

· Explosion limits:

 Lower:
 3.5 Vol %

 Upper:
 19 Vol %

· Vapor pressure at 20 °C (68 °F): 210 hPa (157.5 mm Hg)

• Density at 20 °C (68 °F): 1.11617 g/cm³ (9.31444 lbs/gal)

Relative density
 Vapor density
 Evaporation rate
 Not determined.
 Not determined.

· Solubility in / Miscibility with

Water: Fully miscible.

(Contd. on page 8)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

	(Contd. of p	age
Partition coefficient (n-octan	ol/water): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	56.6 %	
VOC content:	56.59 %	
	631.7 g/l / 5.27 lb/gal	
Solids content:	0.0 %	
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.

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50	values tha	t are relevant for classification:
ATE (Acua	te Toxicity	Estimate)
Oral	LD50	909 mg/kg
Dermal	LD50	5,730 mg/kg
Inhalative	LC50/4h	6.56 mg/l

- · Primary irritant effect:
- · on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization: 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)	
CAS: 67-66-3 Chloroform	2 <i>B</i>
CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof	1
CAS: 67-63-0 Isopropanol	3

(Contd. on page 9)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 8)

· NTP (National Toxicology Program)

CAS: 67-66-3 Chloroform

R

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely 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.

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

· UN-Number · DOT, IMDG, IATA	UN3286
· UN proper shipping name	
$\cdot DOT$	Flammable liquid, toxic, corrosive, n.o.s. (Ethanol, Chloroforn
	Acetic Acid, Glacial
· IMDG, IATA	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (Ethano
,	Chloroform, Acetic Acid, Glacial

(Contd. on page 10)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

	(Contd. of p
Transport hazard class(es)	
DOT	
TOXIC COOPDING	
RAMMABLE LOUS TOXIC CORROSIVE	
Class	3 Flammable liquids
Label	3, 6.1, 8
IMDG	
Class	3 Flammable liquids
Label	3/6.1/8
IATA	
Class	3 Flammable liquids
Label	3 (6.1, 8)
Packing group	
DOT, IMDG, IATA	II
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler co	
EMS Number:	F-E,S-C
Segregation groups	(SGG1) Acids, (SGG10) liquid halogenated hydrocarbons B
Stowage Category	
Stowage Code	SW2 Clear of living quarters.
Segregation Code	SG5 Segregation as for class 3 SG8 Stow "away from" class 4.1
Transport in bulk according to Annex II	* *
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 1 L
-	On cargo aircraft only: 5 L
IMDG	
Limited quantities (LQ)	1L

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

	(Contd. of page 10)
· 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 3286 FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (ETHANOL, CHLOROFORM, ACETIC ACID, GLACIAL), 3 (6.1+8), II

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
- · Sara

· Section 355	(extremely	hazardous	substances):

CAS: 67-66-3 Chloroform

· Section 313 (Specific toxic chemical listings):

CAS: 67-66-3 Chloroform CAS: 67-56-1 Methanol

CAS: 67-63-0 Isopropanol

· TSCA (Toxic Substances Control Act):

Chloroform	ACTIVE
Ethyl Alcohol, Absolute 200 Proof	ACTIVE
Acetic Acid, Glacial	ACTIVE
Methanol	ACTIVE
Isopropanol	ACTIVE

· Hazardous Air Pollutants

CAS: 67-66-3 Chloroform

CAS: 67-56-1 Methanol

· Proposition 65

· Chemicals known to cause cancer:

CAS: 67-66-3 Chloroform

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:

CAS: 67-66-3 Chloroform

CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof

CAS: 67-56-1 Methanol

· Carcinogenic categories

· EPA (Environmental Protection Agency)

CAS: 67-66-3 | Chloroform | B2, L, NL

(Contd. on page 12)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 11)

	(Conta. of page 11)	
· TLV (Threshold Limit Value)		
CAS: 67-66-3 Chloroform	A3	
CAS: 64-17-5 Ethyl Alcohol, Absolute 200 Proof	A3	
CAS: 67-63-0 Isopropanol	A4	
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
CAS: 67-66-3 Chloroform		

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









GHS02

GHS06

GHS07 GHS08

· **Signal word** Danger

· Hazard-determining components of labeling:

Chloroform

Acetic Acid, Glacial

Methanol

· Hazard statements

Highly flammable liquid and vapor.

Harmful if swallowed.

Toxic if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to the central nervous system, the kidneys, the liver and the respiratory system 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.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

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

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

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.

(Contd. on page 13)

Printing date 07/03/2024 Reviewed on 07/03/2024

Trade name: Carnoy's Solution (Fixative)

(Contd. of page 12)

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 or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use CO2, powder or water spray to extinguish.

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.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Environment protection department.
- · Contact:

Date of Preparation / Last Revision:

· Date of preparation / last revision

Revision 1.2 07/03/2024: Reviewed SDS for accuracy. MH/STN

Creation date for SDS 08-19-2014. STN

07/03/2024 / 1.1

· Abbreviations and acronyms:

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

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

Flammable Liquids 2: Flammable liquids - Category 2

Acute Toxicity - Oral 4: Acute toxicity - Category 4

Acute Toxicity - Inhalation 3: Acute toxicity - Category 3

Skin Irritation 2: Skin corrosion/irritation – Category 2

Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A

Sensitization - Skin 1: Skin sensitisation - Category 1

Carcinogenicity 2: Carcinogenicity – Category 2

Toxic to Reproduction 2: Reproductive toxicity – Category 2

Specific Target Organ Toxicity - Repeated Exposure 1: Specific target organ toxicity (repeated exposure) - Category 1

* Data compared to the previous version altered.