

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **QUICK OFF**

Creation date 14. March 2019

Revision date Version 1.1

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

L.1. Product identifier QUICK OFF
Substance / mixture mixture
Number 1 02.0014

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

Mixture's intended use Cleaning agent.

### The use descriptors

SU 3 Industrial uses: Uses of substances as such or in preparations\* at industrial sites
SU 22 Professional uses: Public domain (administration, education, entertainment, services,

craftsmen)

PROC 7 Industrial spraying
PROC 11 Non industrial spraying

ERC 8a Widespread use of non-reactive processing aid (no inclusion into or onto article,

ndoor)

ERC 8d Widespread use of non-reactive processing aid (no inclusion into or onto article,

outdoor)

Mixture uses advised against For professional use only.

### Details of the supplier of the safety data sheet

Supplier

1.3.

Name or trade name RETECH, s.r.o.

Address Vackova 1541/4, Praha 5 - Stodůlky, 155 00

Czech Republic 25018205

Identification number (CRN)25018205Phone+420327596428E-mailinfo@retech.czWeb addresswww.retech.com

### Competent person responsible for the safety data sheet

Name RETECH, s.r.o. E-mail info@retech.cz

#### 1.4. Emergency telephone number

RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic; Telephone number: +420 327 596 128 (7.30-16.00 hour)

Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals.

### **SECTION 2: Hazards identification**

#### 2.1. Substance or mixture classification

### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 1, H222, H229 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336

Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

### Most serious adverse physico-chemical effects

Extremely flammable aerosol. Pressurised container: May burst if heated.

### Most serious adverse effects on human health and the environment

Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Causes skin irritation. Toxic to aquatic life with long lasting effects.



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#### 2.2. Label elements

### Hazard pictogram









### Signal word

Danger

#### **Hazardous substances**

propan-2-ol

Naphtha (petroleum), hydrotreated light

#### **Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.
H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use. P261 Avoid breathing vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P391 Collect spillage.

P403 Store in a well-ventilated place.

P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container to in accordance with national regulations.

### Supplemental information

>=30 % aliphatic hydrocarbons

# 2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.



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### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### **Chemical characterization**

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25	propan-2-ol	25-<50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	1
CAS: 64742-49-0 Registration number: 01-2119475514-35	Naphtha (petroleum), hydrotreated light	25-<50	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	
CAS: 106-97-8 EC: 203-448-7 Registration number: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8))	10-<25	Flam. Gas 1, H220 Press. Gas, H280	1
CAS: 74-98-6 EC: 200-827-9 Registration number: 01-2119486944-21	propane	10-<25	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	

### Notes

1 Substance for which exposure limits of Community for working environment exist.

Full text of all classifications and hazard statements is given in the section 16.

### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

#### **Inhalation**

Terminate the exposure immediately; move the affected person to fresh air. In the event of issues, find medical advice.

### Skin contact

Immediately wash with water and soap and rinse thoroughly.

#### Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. In the event of issues, find medical advice.

### **Ingestion**

DO NOT INDUCE VOMITING! Provide medical treatment.

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

### Inhalation

May cause drowsiness or dizziness.

### **Skin contact**

Causes skin irritation.

### Eye contact

Causes serious eye irritation.

# Ingestion

not available



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

not available

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water mist.

### Unsuitable extinguishing media

Water - full jet.

### 5.2. Special hazards arising from the substance or mixture

not available

#### 5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing.

#### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Use personal protective equipment for work. Keep unprotected persons away.

#### 6.2. Environmental precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

### 6.3. Methods and material for containment and cleaning up

Provide sufficient ventilation.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Do not spray on an open flame or other ignition source. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. No smoking. Take precautionary measures against static discharge. Pressurised container: May burst if heated. Keep away from sources of heating, ignition and direct sunlight. Do not pierce or burn, even after use.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep cool. Store in tightly closed containers in a cool, dry place intended for this purpose. Keep away from sources of heating, ignition and direct sunlight.

Storage class 2B - Aerosols

### 7.3. Specific end use(s)

not available

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### **Austria**

Substance name (component)	Туре	Time of exposure	Value	Note	Source
	MAK	8 hours	500 mg/m <sup>3</sup>		
propan-2-ol (CAS: 67-63-0)	MAK	Short-term	2000 mg/m <sup>3</sup>		AUT
	MAK	8 hours	200 ppm		
	MAK	Short-term	800 ppm		
butane (containing < 0,1 % butadiene (203-450-8)) (CAS: 106-97-8)	MAK	8 hours	800 ppm		AUT



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### Austria

Substance name (component)	Туре	Time of exposure	Value	Note	Source
	MAK	8 hours	1900 mg/m³		
butane (containing < 0,1 % butadiene (203-450-8)) (CAS: 106-97-8)	MAK	8 hours	1600 ppm		AUT
	MAK	Short-term	3800 mg/m <sup>3</sup>		
	MAK	8 hours	1800 mg/m <sup>3</sup>		
propane (CAS: 74-98-6)	MAK	Short-term	3600 mg/m <sup>3</sup>		AUT
	MAK	8 hours	1000 ppm		
	MAK	Short-term	2000 ppm		

# United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Туре	Time of exposure	Value	Note	Source
	WEL	8 hours	999 mg/m <sup>3</sup>		CDD
propaga 2 ol (CAS) 67 62 0)	WEL	15 minutes	1250 mg/m <sup>3</sup>		
propan-2-ol (CAS: 67-63-0)	WEL	8 hours	400 ppm		GBR
	WEL	15 minutes	500 ppm		
	WEL	8 hours	600 ppm		
butane (containing < 0,1 % butadiene (203-450-8)) (CAS: 106-97-8)	WEL	8 hours	1450 mg/m³		- GBR
	WEL	15 minutes	1810 mg/m³		
	WEL	15 minutes	750 ppm		



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#### DNEL

#### Naphtha (petroleum), hydrotreated light

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Workers / consumers	Route of exposure	Value	Effect	Determining method	
Consumers	Oral	699 mg/kg bw/day	Systemic chronic effects		
Consumers	Dermal	699 mg/kg bw/day	Systemic chronic effects		
Workers	Dermal	773 mg/kg bw/day	Systemic chronic effects		
Consumers	Inhalation	608 mg/m <sup>3</sup>	Systemic chronic effects		
Workers	Inhalation	2035 mg/m <sup>3</sup>	Systemic chronic effects		

#### propan-2-ol

Workers / consumers	Route of exposure	Value	Effect	Determining method
Consumers	Oral	26 mg/kg bw/day	Systemic chronic effects	
Consumers	Dermal	319 mg/kg bw/day	Systemic chronic effects	
Workers	Dermal	888 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	89 mg/m <sup>3</sup>	Local chronic effects	
Workers	Inhalation	500 mg/kg	Systemic chronic effects	

### 8.2. Exposure controls

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.

### Eye/face protection

Tightly sealed goggles.

#### Skin protection

Hand protection: Protective gloves resistant to the product. The final selection of the glove material must be carried out on the basis of penetration times, permeation rates and degradation. Material of gloves: Nitrile rubber, NBR. 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. Observe other recommendations of the manufacturer.

Other protection: protective workwear.

### **Respiratory protection**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self—contained spiratory protective device. Filter AX/P2.

#### Thermal hazard

Not available.

### **Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2.

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

**Appearance** aerosol Physical state liquid at 20°C colourless color Odour after solvents Odour threshold data not available data not available μq Melting point/freezing point data not available Initial boiling point and boiling range -44 °C

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Flash point -97 °C

Evaporation rate data not available

Flammability (solid, gas) Extremely flammable aerosol.

Upper/lower flammability or explosive limits

flammability limits data not available

explosive limits

bottom 0.8 % upper 12.0 %

8300 hPa at 20 °C Vapour pressure Vapour density data not available Relative density data not available

Solubility(ies)

solubility in water almost insoluble solubility in fats data not available Partition coefficient: n-octanol/water data not available Auto-ignition temperature data not available Decomposition temperature data not available Viscosity data not available

The product does not have explosive properties but Explosive properties

can be explosive when blended with air.

Oxidising properties data not available

data not available

9.2. Other information

> 0.677 g/cm3 at 20 °C Density

200 °C ignition temperature 95.0 % content of organic solvents (VOC) Max. VOC content in the product in its ready to use 643.1 g/l condition

Product is not selfigniting.

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

not available

### 10.2. Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

not available

### 10.5. Incompatible materials

not available

### 10.6. Hazardous decomposition products

Unknown.

### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.



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### **Acute toxicity**

Based on available data the classification criteria are not met.

Naphtha (petroleum), hydrotreated light

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	>5840 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>2920 mg/kg		Rabbit	
Inhalation	LC50	>25 mg/l	4 hour	Rat	

### propan-2-ol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	5840 mg/kg		Rat	
Dermal	LD50	13900 mg/kg		Rabbit	
Inhalation	LC50	25000 mg/m <sup>3</sup>	6 hour	Rat	

### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

### Germ cell mutagenicity

Based on available data the classification criteria are not met.

### Carcinogenicity

Based on available data the classification criteria are not met.

#### Reproductive toxicity

Based on available data the classification criteria are not met.

### Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

# **Aspiration hazard**

May be fatal if swallowed and enters airways.

### **SECTION 12: Ecological information**

12.1. Toxicity



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### **Acute toxicity**

Toxic to aquatic life with long lasting effects.

Naphtha (petroleum), hydrotreated light

Parameter	Value	Time of exposure	Species	Environment
EL 50	30-100 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)	
EL 50	3 mg/l	48 hour	Invertebrates (Daphnia magna)	
LL 50	11.4 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	

#### propan-2-ol

Parameter	Value	Time of exposure	Species	Environment
LC50	9714 mg/l	24 hour	Invertebrates (Daphnia magna)	
LC50	9640 mg/l	96 hour	Fishes (Pimephales promelas)	

### **Chronic toxicity**

Naphtha (petroleum), hydrotreated light

Parameter	Value	Time of exposure	Species	Environment
LOEC	0.32 mg/l	21 day	Invertebrates (Daphnia magna)	
NOEC	0.17 mg/l	21 day	Invertebrates (Daphnia magna)	
NOELR	3 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)	

### propan-2-ol

Parameter	Value	Time of exposure	Species	Environment
LOEC	1000 mg/l	8 day	Algae	

### 12.2. Persistence and degradability

not available

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

# 12.6. Other adverse effects

Ecotoxical effects: Remark: Toxic for fish

Additional ecological information:

General notes: Water hazard class 2 (German Regulation) (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. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.



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### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste.

### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

16 03 05 organic wastes containing dangerous substances

### Packaging waste type code

metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

### **SECTION 14: Transport information**

14.1. UN number

UN 1950

14.2. UN proper shipping name

**AEROSOLS** 

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not available

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

**Additional information** 

Hazard identification No.

UN number

Classification code

Safety signs

(Kemler Code)

5F

2.1+hazardous for the environment



Road transport - ADR

Tunnel restriction code (D)

Marine transport - IMDG

EmS (emergency plan) F-D, S-U Marine Pollutant No



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### **SECTION 15: Regulatory information**

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as ammended.

#### 15.2. Chemical safety assessment

not available

#### **SECTION 16: Other information**

A list of standard	risk phrases used in the safety data sheet
H220	Extremely flammable gas.

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

If medical advice is needed, have product container or label at hand. P101

P102 Keep out of reach of children. P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P251 Do not pierce or burn, even after use.

P211 Do not spray on an open flame or other ignition source.

P271 Use only outdoors or in a well-ventilated area.

P261 Avoid breathing vapours/spray.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, P305+P351+P338

if present and easy to do. Continue rinsing.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P331 Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P391 Collect spillage.

P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container to in accordance with national regulations.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

European agreement concerning the international carriage of dangerous goods by **ADR** 

road

**BCF Bioconcentration Factor** 



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CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance

and mixtures

DNEL Derived no-effect level

EC Identification code for each substance listed in EINECS

EC50 Concentration of a substance when it is affected 50% of the population EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan EU European Union

IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying Dangerous

Chemicals

IC50 Concentration causing 50% blockadeICAO International Civil Aviation OrganizationIMDG International Maritime Dangerous Goods

INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry

LC50 Lethal concentration of a substance in which it can be expected death of 50% of the

population

LD50 Lethal dose of a substance in which it can be expected death of 50% of the

population

LOAEC Lowest observed adverse effect concentration

LOAEL Lowest observed adverse effect level log Kow Octanol-water partition coefficient

MARPOL International Convention for the Prevention of Pollution From Ships

NOAEC No observed adverse effect concentration

NOAEL No observed adverse effect level NOEC No observed effect concentration

NOEL No observed effect level
OEL Occupational Exposure Limits

PBT Persistent, Bioaccumulative and Toxic PNEC Predicted no-effect concentration

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Agreement on the transport of dangerous goods by rail

UN Four-figure identification number of the substance or article taken from the UN Model

Regulations

UVCB Substances of unknown or variable composition, complex reaction products or

biological materials

VOC Volatile organic compounds

vPvB Very Persistent and very Bioaccumulative

Aerosol Aerosol

Aquatic Chronic Hazardous to the aquatic environment

Asp. Tox. Aspiration hazard
Eye Irrit. Eye irritation
Flam. Gas Flammable gas
Flam. Liq. Flammable liquid
Press. Gas Gases under pressure

Skin Irrit. Skin irritation

STOT SE Specific target organ toxicity - single exposure

**Training guidelines** 



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Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

#### **Recommended restrictions of use**

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

2, 3, 8, 11, 12, 15, 16

### **Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.