

## Section 1

### Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

WORKTOP CLEANER Q-ACTION.

#### Other means of identification:

Non-applicable.

#### UFI code:

Q9F0-XVDF-A00C-89EH.

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

##### Relevant uses:

Worktop cleaner for Silestone®, Dekton® and granite.

##### Uses advised against:

All uses not specified in this Section or in Section 7.3.

#### 1.3 Details of the manufacturer/supplier of the Safety Datasheet

##### Manufacturer:

Mediterránea de Productos de Limpieza, SRL  
C/Collao, 58-59 - Pol. Ind. La Pahilla  
46370 Chiva (Valencia) - Spain  
Phone: +34 962 524 550  
E-mail: info@mpl.es  
Website: www.mpl.es

##### Supplier:

Cosentino Global S.L.U.,  
Ctra. A334, Baza-Huércal Overa, km 59  
04850 Cantoria (Almería) - Spain  
Phone: +34 950 444 175  
E-mail: info@cosentino.com  
Website: www.cosentino.com

#### 1.4 Emergency telephone number

##### ChemTel Inc. (24/7/365, multilingual):

Worldwide: +1-813-248-0585  
United States: 1-800-255-3924 (free toll)  
Australia: 1-300-954-583  
China: 400-120-0751  
India: 000-800-100-4086  
Mexico: 01-800-099-0731  
Brazil: 0-800-591-6042

##### For information on emergency phone numbers of EU national authorities you may check:

[https://echa.europa.eu/documents/10162/2322249/emergency\\_phone\\_numbers\\_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d?t=1628515444598](https://echa.europa.eu/documents/10162/2322249/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d?t=1628515444598)



## Section 2 Hazards identification

### 2.1 Classification of the substance or mixture

#### CLP Regulation (EC) No. 1272/2008

Classification of this product has been carried out in accordance with CLP Regulation (EC) No. 1272/2008.

**Aquatic Chronic 3:** Hazardous to the aquatic environment, long-term hazard, Category 3, **H412**.

**Eye Irrit. 2:** Eye irritation, Category 2, **H319**.

**Flam. Liq. 3:** Flammable liquids, Category 3, **H226**.

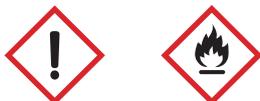
### 2.2 Label elements

#### CLP Regulation (EC) No. 1272/2008

Signal word:

Warning.

Pictograms:



Hazard statements:

**Aquatic Chronic 3: H412** - Harmful to aquatic life with long lasting effects.

**Eye Irrit. 2: H319** - Causes serious eye irritation.

**Flam. Liq. 3: H226** - Flammable liquid and vapour.

Precautionary statements:

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

**P102:** Keep out of reach of children.

**P210:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**P280:** Wear protective gloves/eye protection.

**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

**P501:** Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

**EUH208:** Contains reaction mass of METHYLCHLOROISOTHIAZOLINONE and METHYLISOTHIAZOLINONE (3:1). May produce an allergic reaction.

### 2.3 Other hazards

Product fails to meet PBT/vPvB criteria. Endocrine-disrupting properties: The product fails to meet the criteria.

## Section 3 Composition/information on ingredients

### 3.1 Substances

Non-applicable.

### 3.2 Mixture

**Chemical description:**  
Mixture of substances.

#### Components:

In accordance with Annex II of Regulation (EC) No. 1907/2006 (Point 3), the product contains:

IDENTIFICATION		CHEMICAL NAME/CLASSIFICATION		CONCENTRATION	
CAS:	67-63-0	<b>PROPAN-2-OL<sup>(1)</sup></b>		ATP CLP00	
EC:	200-661-7	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336 - Danger		2.5% - < 10%
Index:	603-117-00-0				
REACH:	01-2119457558-25-XXXX				
CAS:	2272-11-9	<b>MONOETHANOLAMINE OLEATE<sup>(1)</sup></b>		Self-classified	
EC:	218-878-0	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning		2.5% - < 10%
Index:	Non-applicable				
REACH:	01-2119958940-28-XXXX				
CAS:	107-98-2	<b>1-METHOXY-2-PROPANOL<sup>(1)</sup></b>		ATP ATP01	
EC:	203-539-1	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning		1% - < 2.5%
Index:	603-064-00-3				
REACH:	01-2119457435-35-XXXX				
CAS:	Non-applicable	<b>AMIDES, C8-18(EVEN NUMBERED) AND C18-UNSATD., N, N-(HYDROXYETHYL)<sup>(1)</sup></b>		Self-classified	
EC:	931-329-6	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger		1% - < 2.5%
Index:	Non-applicable				
REACH:	01-2119490100-53-XXXX				
CAS:	68002-97-1	<b>ALCOHOLS, C10-16, ETHOXYLATED<sup>(1)</sup></b>		Self-classified	
CE:	500-182-6	Regulation 1272/2008	Aquatic Acute 1: H400; Eye Dam. 1: H318 - Danger		< 1%
Index:	Non-applicable				
REACH:	Non-applicable				
CAS:	308062-28-4	<b>AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES<sup>(1)</sup></b>		Self-classified	
CE:	931-292-6	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger		< 1%
Index:	Non-applicable				
REACH:	01-2119490061-47-XXXX				
CAS:	55965-84-9	<b>REACTION MASS OF 5-CHLORO-2-METHYL-2H- ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)<sup>(1)</sup></b>		ATP ATP13	
EC:	Non-applicable	Regulation 1272/2008	Acute Tox. 2: H310+H330; Acute Tox. 3 H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1C: H314; Skin Sens. 1A: H317; EUH071 - Danger		< 1%
Index:	613-167-00-5				
REACH:	Non-applicable				

(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878.

To obtain more information on the hazards of the substances consult Sections 11, 12 and 16.

#### Other information:

IDENTIFICATION	M-FACTOR	
REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) CAS: 55965-84-9   EC: Non-applicable	Acute	100
	Chronic	100

IDENTIFICATION	SPECIFIC CONCENTRATION LIMIT
REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) CAS: 55965-84-9   EC: Non-applicable	% (w/w) >= 0.6: Skin Corr. 1C - H314
	0.06 <= % (w/w) < 0.6: Skin Irrit. 2 - H315
	% (w/w) >= 0.6: Eye Dam. 1 - H318
	0.06 <= % (w/w) < 0.6: Eye Irrit. 2 - H319
	% (w/w) >= 0.0015: Skin Sens. 1A - H317

## Section 4 First aid measures

### 4.1 Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

#### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

#### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in Sections 2 and 11.

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

Non-applicable.

## Section 5 Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO<sub>2</sub>).

#### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit, etc.) in accordance with Directive 89/654/EC.

#### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## Section 6 Accidental release measures

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

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See Section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

#### For emergency responders:

See Section 8.

### 6.2 Environmental precautions

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

#### It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult Section 13.

### 6.4 Reference to other Sections

See Sections 8 and 13.

## Section 7 Handling and storage

### 7.1 Precautions for safe handling

#### General precautions for safe use:

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (Section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

#### Technical recommendations for the prevention of fires and explosions:

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks, etc.) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges.

Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult Section 10 for conditions and materials that should be avoided.

#### Technical recommendations on general occupational hygiene:

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### Technical recommendations to prevent environmental risks:

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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

#### Technical measures for storage:

- Minimum temperature: 5 °C
- Maximum temperature: 40 °C

#### General conditions for storage:

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see Section 10.5.

### 7.3 Specific end use(s)

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## Section 8 Exposure controls/ personal protection

### 8.1 Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

IDENTIFICATION	OCCUPATIONAL EXPOSURE LIMITS		
	IOELV (8h)		
1-METHOXY-2-PROPANOL CAS: 107-98-2   CE: 203-539-1		100 ppm	375 mg/m <sup>3</sup>
	IOELV (STEL)	150 ppm	568 mg/m <sup>3</sup>

### DNEL (Workers):

IDENTIFICATION		SHORT EXPOSURE		LONG EXPOSURE	
		SYSTEMIC	LOCAL	SYSTEMIC	LOCAL
PROPAN-2-OL CAS: 67-63-0   EC: 200-661-7	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	888 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	500 mg/m <sup>3</sup>	Non-applicable
MONOETHANOLAMINE OLEATE CAS: 2272-11-9   EC: 218-878-0	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	41.7 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	146.9 mg/m <sup>3</sup>	Non-applicable
1-METHOXY-2-PROPANOL CAS: 107-98-2   EC: 203-539-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	183 mg/Kg	Non-applicable
	Inhalation	553.5 mg/m <sup>3</sup>	553.5 mg/m <sup>3</sup>	369 mg/m <sup>3</sup>	Non-applicable
AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-(HYDROXYETHYL) CAS: Non-applicable   EC: 931-329-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	4.16 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	73.4 mg/m <sup>3</sup>	Non-applicable
AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES CAS: 308062-28-4   EC: 931-292-6	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	11 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	6.2 mg/m <sup>3</sup>	Non-applicable

## DNEL (General population):

IDENTIFICATION		SHORT EXPOSURE		LONG EXPOSURE	
		SYSTEMIC	LOCAL	SYSTEMIC	LOCAL
PROPAN-2-OL CAS: 67-63-0   EC: 200-661-7	Oral	Non-applicable	Non-applicable	26 mg/Kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	319 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	89 mg/m <sup>3</sup>	Non-applicable
MONOETHANOLAMINE OLEATE CAS: 2272-11-9   EC: 218-878-0	Oral	Non-applicable	Non-applicable	25 mg/Kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	25 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	43.5 mg/m <sup>3</sup>	Non-applicable
1-METHOXY-2-PROPANOL CAS: 107-98-2   EC: 203-539-1	Oral	Non-applicable	Non-applicable	33 mg/Kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	78 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	43.9 mg/m <sup>3</sup>	Non-applicable
AMIDES, C8-18 (EVEN NUMBERED) AND C18-INSATD., N, N-(HYDROXYETHYL) CAS: Non-applicable   EC: 931-329-6	Oral	Non-applicable	Non-applicable	6.25 mg/Kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2.5 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	21.73 mg/m <sup>3</sup>	Non-applicable
AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES CAS: 308062-28-4   EC: 931-292-6	Oral	Non-applicable	Non-applicable	0.44 mg/Kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	5.5 mg/Kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	1.53 mg/m <sup>3</sup>	Non-applicable

## PNEC:

IDENTIFICATION		SHORT EXPOSURE		LONG EXPOSURE	
		SYSTEMIC	LOCAL	SYSTEMIC	LOCAL
PROPAN-2-OL CAS: 67-63-0   EC: 200-661-7	STP	2251 mg/L	Fresh water	140.9 mg/L	
	Soil	28 mg/Kg	Marine water	140.9 mg/L	
	Intermittent	140.9 mg/L	Sediment (Fresh water)	552 mg/Kg	
	Oral	0.16 g/Kg	Sediment (Marine water)	552 mg/Kg	
MONOETHANOLAMINE OLEATE CAS: 2272-11-9   EC: 218-878-0	STP	0.562 mg/L	Fresh water	0.478 mg/L	
	Soil	1600 mg/Kg	Marine water	0.0478 mg/L	
	Intermittent	0.141 mg/L	Sediment (Fresh water)	8020 mg/Kg	
	Oral	Non-applicable	Sediment (Marine water)	802 mg/Kg	
1-METHOXY-2-PROPANOL CAS: 107-98-2   EC: 203-539-1	STP	100 mg/L	Fresh water	10 mg/L	
	Soil	4.59 mg/Kg	Marine water	1 mg/L	
	Intermittent	100 mg/L	Sediment (Fresh water)	52.3 mg/Kg	
	Oral	Non-applicable	Sediment (Marine water)	5.2 mg/Kg	
AMIDES, C8-18 (EVEN NUMBERED) AND C18-INSATD., N, N-(HYDROXYETHYL) CAS: Non-applicable   EC: 931-329-6	STP	830 mg/L	Fresh water	0.007 mg/L	
	Soil	0.035 mg/Kg	Marine water	0.001 mg/L	
	Intermittent	0.024 mg/L	Sediment (Fresh water)	0.195 mg/Kg	
	Oral	Non-applicable	Sediment (Marine water)	0.019 mg/Kg	
AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES CAS: 308062-28-4   EC: 931-292-6	STP	24 mg/L	Fresh water	0.034 mg/L	
	Soil	1.02 mg/Kg	Marine water	0.003 mg/L	
	Intermittent	0.034 mg/L	Sediment (Fresh water)	5.24 mg/Kg	
	Oral	0.0111 g/Kg	Sediment (Marine water)	0.524 mg/Kg	

## 8.2 Exposure controls

### Individual protection measures, such as personal protective equipment:

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection, etc.) consult the information leaflet provided by the manufacturer. For more information see Section 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

### Respiratory protection:

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

### Specific protection for the hands:

PICTOGRAM	PPE	LABELLING	CEN STANDARD	REMARKS
 Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE). Breakthrough time: > 480 min, Thickness: 0.062 mm)		EN 420:2004+A1:2010	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application:

### Eye and face protection:

PICTOGRAM	PPE	LABELLING	CEN STANDARD	REMARKS
 Mandatory face protection	Panoramic glasses against splash/projections		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

### Body protection:

PICTOGRAM	PPE	LABELLING	CEN STANDARD	REMARKS
 Mandatory complete body protection	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013 and EN 464:1994.
 Mandatory foot protection	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 and EN 13832-1:2007.

### Additional emergency measures:

EMERGENCY MEASURE	STANDARDS	EMERGENCY MEASURE	STANDARDS
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011 ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011 ISO 3864-4:2011

### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see Section 7.1.D.

### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

- V.O.C. (Supply): 11.15 % weight
- V.O.C. density at 20 °C: 110.53 Kg/m<sup>3</sup> (110.53 g/L)
- Average carbon number: 3.22
- Average molecular weight: 66.2 g/mol

## Section 9

### Physical and chemical properties

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

For complete information see the product datasheet.

##### Appearance

Physical state at 20 °C: Liquid

Appearance: Transparent

Colour: Yellowish

Odour: Not available

Odour threshold: Non-applicable \*

##### Volatility

Boiling point at atmospheric pressure: 99 °C

Vapour pressure at 20 °C: 2431 Pa

Vapour pressure at 50 °C: 12764.38 Pa (12.76 kPa)

Evaporation rate at 20 °C: Non-applicable \*

##### Product description

Density at 20 °C: 976 - 1006 Kg/m<sup>3</sup>

Relative density at 20 °C: 0.991

Dynamic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 20 °C: Non-applicable \*

Kinematic viscosity at 40 °C: Non-applicable \*

Concentration: Non-applicable \*

pH: 8 - 10

Vapour density at 20 °C: Non-applicable \*

Partition coefficient n-octanol/water

at 20 °C: Non-applicable \*

Solubility in water at 20 °C: Non-applicable \*

Solubility properties: Non-applicable \*

Decomposition temperature: Non-applicable \*

Melting point/freezing point: Non-applicable \*

##### Flammability

Flash point: 44 °C

Flammability (solid, gas): Non-applicable \*

Auto-ignition temperature: 202 °C

Lower flammability limit: Not available

Upper flammability limit: Not available

##### Particle characteristics

Median equivalent diameter: Non-applicable

#### 9.2 Other information

##### Information with regard to physical hazard classes

Explosive properties: Non-applicable \*

Oxidising properties: Non-applicable \*

Corrosive to metals: Non-applicable \*

Heat of combustion: Non-applicable \*

Aerosols-total percentage (by mass) of flammable components: Non-applicable \*

##### Other safety characteristics

Surface tension at 20 °C: Non-applicable \*

Refraction index: Non-applicable \*

(\* ) Not relevant due to the nature of the product, not providing information property of its hazards.

## Section 10 Stability and reactivity

### 10.1 Reactivity

No hazardous reactions are expected because the product is stable under recommended storage conditions. See Section 7.

### 10.2 Chemical stability

Chemically stable under the indicated conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid

Applicable for handling and storage at room temperature:

**Shock and friction:** Not applicable

**Contact with air:** Not applicable

**Increase in temperature:** Risk of combustion

**Sunlight:** Avoid direct impact

**Humidity:** Not applicable

### 10.5 Incompatible materials

**Acids:** Avoid strong acids

**Water:** Not applicable

**Oxidising materials:** Avoid direct impact

**Combustible materials:** Not applicable

**Others:** Avoid alkalis or strong bases

### 10.6 Hazardous decomposition products

See Section 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## Section 11 Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

The experimental information related to the toxicological properties of the product itself is not available.

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health.

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentration higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

#### Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see Section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see Section 3.

#### Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see Section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract.

#### Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see Section 3.
- Contact with the eyes: Produces eye damage after contact.

#### CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see Section 3.

IARC: Propan-2-ol (3); d-limonene (3); Eugenol (3)

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effects. For more information see Section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see Section 3.

#### Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see Section 3.
- Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see Section 3.

#### Specific target organ toxicity

##### (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see Section 3.

#### Specific target organ toxicity

##### (STOT) - repeated exposure:

- Specific target organ toxicity (STOT) - repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see Section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see Section 3.

#### Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see Section 3.

#### Other information:

Non-applicable.

#### Specific toxicology information on the substances:

PROPAN-2-OL CAS: 67-63-0 EC: 200-661-7	ACUTE TOXICITY	GENUS
LD50 oral	5280 mg/Kg	Rat
LD50 dermal	12800 mg/Kg	Rat
LC50 inhalation	72.6 mg/L (4h)	Rat

REACTION MASS OF 5-CHLORO- 2-METHYL-2H- ISOTHIAZOL-3-ONE AND 2-METHYL-2H- ISOTHIAZOL-3-ONE (3:1) CAS: 55965-84-9 EC: Non-applicable	ACUTE TOXICITY	GENUS
LD50 oral	64 mg/Kg	Rat
LD50 dermal	87.12 mg/Kg	Rabbit
LC50 inhalation	0.33 mg/L (4 h)	Rat

#### 11.1 Information on other hazards

#### Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

#### Other information:

Non-applicable.

## Section 12 Ecological information

The experimental information related to the ecotoxicological properties of the product itself is not available.

### 12.1 Toxicity

Acute toxicity:

PROPAN-2-OL | CAS: 67-63-0 | EC: 200-661-7

CONCENTRATION	SPECIES	GENUS
LC50	9640 mg/L (96 h)	Pimephales promelas Fish
EC50	13299 mg/L (48 h)	Daphnia magna Crustacean
EC50	1000 mg/L (72 h)	Scenedesmus subspicatus Algae

1-METHOXY-2-PROPANOL | CAS: 107-98-2 | EC: 203-539-1

CONCENTRATION	SPECIES	GENUS
LC50	20800 mg/L (96 h)	Pimephales promelas Fish
EC50	23300 mg/L (48 h)	Daphnia magna Crustacean
EC50	1000 mg/L (168 h)	Selenastrum capricornutum Algae

AMIDES, C8-18 (EVEN NUMBERED) AND C18-INSATD., N, N-(HYDROXYETHYL)  
CAS: Non-applicable | EC: 931-329-6

CONCENTRATION	SPECIES	GENUS
LC50	2.4 mg/L (96 h)	Oncorhynchus mykiss Fish
EC50	3.2 mg/L (48 h)	Daphnia magna Crustacean
EC50	23.4 mg/L (72 h)	Scenedesmus subspicatus Algae

ALCOHOLS, C10-16, ETHOXYLATED  
CAS: 68002-97-1 | EC: 500-182-6

CONCENTRATION	SPECIES	GENUS
LC50	> 0.1 - 1 (96 h)	- Fish
EC50	> 0.1 - 1 (48 h)	- Crustacean
EC50	> 0.1 - 1 (72 h)	- Algae

AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES  
CAS: 308062-28-4 | EC: 931-292-6

CONCENTRATION	SPECIES	GENUS
LC50	3.5 mg/L (96 h)	Pimephales promelas Fish
EC50	10.4 mg/L (48 h)	Daphnia magna Crustacean
EC50	0.3 mg/L (72 h)	Selenastrum capricornutum Algae

REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

CAS: 55965-84-9 | EC: Non-applicable

CONCENTRATION	SPECIES	GENUS
LC50	> 0.1 - 1 (96 h)	- Fish
EC50	> 0.1 - 1 (48 h)	- Crustacean
EC50	> 0.1 - 1 (72 h)	- Algae

Chronic toxicity:

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-(HYDROXYETHYL)  
CAS: Non-applicable | EC: 931-329-6

CONCENTRATION	SPECIES	GENUS
NOEC	0.32 mg/L	Oncorhynchus mykiss Fish
NOEC	0.1 mg/L	Daphnia magna Crustacean

AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES  
CAS: 308062-28-4 | EC: 931-292-6

CONCENTRATION	SPECIES	GENUS
NOEC	0.495 mg/L	Pimephales promelas Fish
NOEC	0.7 mg/L	Daphnia magna Crustacean

### 12.2 Persistence and degradability

PROPAN-2-OL | CAS: 67-63-0 | EC: 200-661-7

DEGRADABILITY		BIODEGRADABILITY	
BOD5	1.19 g O2/g	Concentration	100 mg/L
COD	2.23 g O2/g	Period	14 days
BOD5/COD	0.53	% Biodegradable	86 %

1-METHOXY-2-PROPANOL | CAS: 107-98-2 | EC: 203-539-1

DEGRADABILITY		BIODEGRADABILITY	
BOD5	Non-applicable	Concentration	100 mg/L
COD	Non-applicable	Period	28 days
BOD5/COD	Non-applicable	% Biodegradable	90 %

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-(HYDROXYETHYL)  
CAS: Non-applicable | EC: 931-329-6

DEGRADABILITY		BIODEGRADABILITY	
BOD5	Non-applicable	Concentration	Non-applicable
COD	Non-applicable	Period	28 days
BOD5/COD	Non-applicable	% Biodegradable	77 %

AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES

CAS: 308062-28-4 | EC: 931-292-6

DEGRADABILITY		BIODEGRADABILITY	
BOD5	Non-applicable	Concentration	73 mg/L
COD	Non-applicable	Period	28 days
BOD5/COD	Non-applicable	% Biodegradable	90 %

### 12.3 Bioaccumulative potential

PROPAN-2-OL | CAS: 67-63-0 | EC: 200-661-7

BIOACCUMULATION POTENTIAL

BCF	3
Pow Log	0.05
Potential	Low

1-METHOXY-2PROPANOL | CAS: 107-98-2 | EC: 203-539-1

BIOACCUMULATION POTENTIAL

BCF	3
Pow Log	- 0.44
Potential	Low

AMIDES, C8-18 (EVEN NUMBERED) AND C18-UNSATD., N, N-(HYDROXYETHYL)

CAS: Non-applicable | EC: 931-329-6

BIOACCUMULATION POTENTIAL

BCF	44
Pow Log	1.35
Potential	Moderate

### 12.4 Mobility in soil

PROPAN-2-OL | CAS: 67-63-0 | EC: 200-661-7

ABSORPTION/DESORPTION		VOLATILITY	
Koc	1.5	Henry	8.207E-1 Pa·m <sup>3</sup> /mol
Conclusion	Very high	Dry soil	Yes
Surface tension	2.24E-2 N/m (25 °C)	Moist soil	Yes

AMIDES, C8-18 (EVEN NUMBERED) AND C18-INSATD., N, N-(HYDROXYETHYL)

CAS: Non-applicable | EC: 931-329-6

ABSORPTION/DESORPTION		VOLATILITY	
Koc	243	Henry	3.7E-7 Pa·m <sup>3</sup> /mol
Conclusion	Moderate	Dry soil	No
Surface tension	2.77E-2 N/m (24.5 °C)	Moist soil	No

AMINES, C12-14-ALKYLDIMETHYL, N-OXIDES

CAS: 308062-28-4 | EC: 931-292-6

ABSORPTION/DESORPTION		VOLATILITY	
Koc	307	Henry	4E-9 Pa·m <sup>3</sup> /mol
Conclusion	Very high	Dry soil	Non-applicable
Surface tension	Non-applicable	Moist soil	Non-applicable

### 12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria.

### 12.6 Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

### 12.7 Other adverse effects

Not described.

## Section 13 Disposal considerations

### 13.1 Waste treatment methods

**Code:** 20 01 29\*

**Description:** Detergents containing hazardous substances

**Waste class (Regulation (EU) No. 1357/2014):**  
Dangerous

**Type of waste (Regulation (EU) No. 1357/2014):**  
HP14 Ecotoxic, HP3 Flammable.

**Waste management (disposal and evaluation):**  
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See Section 6.2.

#### Regulations related to waste management:

- In accordance with Annex II of Regulation (EC) No. 1907/2006 (REACH) the community or state provisions related to waste management are stated.
- Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No. 1357/2014.

## Section 14 Transport information

**Transport of dangerous goods by land**  
With regard to ADR 2021 and RID 2021:



### 14.1 UN number or ID number

UN1993.

### 14.2 UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Propan-2-ol).

### 14.3 Transport hazard class(es)

3; Labels: 3.

### 14.4 Packing group

III.

### 14.5 Environmental hazards

No.

### 14.6 Special precautions for user

**Special regulations:** 274, 601

**Tunnel restriction code:** D/E

**Physico-chemical properties:** See Section 9

**Limited quantities:** 5 L

### 14.7 Maritime transport in bulk according to IMO instruments

Non-applicable.

**Transport of dangerous goods by sea**  
With regard to IMDG 39-18:



**14.1 UN number or ID number**

UN1993.

**14.2 UN proper shipping name**

FLAMMABLE LIQUID, N.O.S. (Propan-2-ol).

**14.3 Transport hazard class(es)**

3; Labels: 3.

**14.4 Packing group**

III.

**14.5 Marine pollutant**

No.

**14.6 Special precautions for user**

Special regulations: 274, 223, 955

EmS Codes: F-E, S-E

Physico-chemical properties: See Section 9

Limited quantities: 5 L

Segregation group: Non-applicable

**14.7 Maritime transport in bulk  
according to IMO instruments**

Non-applicable.

**Transport of dangerous goods by air**  
With regard to IATA/ICAO 2022:



**14.1 UN number or ID number**

UN1993.

**14.2 UN proper shipping name**

FLAMMABLE LIQUID, N.O.S. (Propan-2-ol).

**14.3 Transport hazard class(es)**

3; Labels: 3.

**14.4 Packing group**

III.

**14.5 Environmental hazards**

No.

**14.6 Special precautions for user**

Physico-chemical properties: See Section 9

**14.7 Maritime transport in bulk  
according to IMO instruments**

Non-applicable.

## Section 15 Regulatory information

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

**Regulation (EC) No. 528/2012:** Contains a preservative to protect the initial properties of the treated article. Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

**Candidate substances for authorisation under the Regulation (EC) No. 1907/2006 (REACH):** Non-applicable

**Substances included in Annex XIV of REACH ("Authorisation List") and sunset date:** Non-applicable

**Regulation (EC) No. 1005/2009, about substances that deplete the ozone layer:** Non-applicable  
**Article 95, REGULATION (EU) No. 528/2012:** Propan-2-ol (Product-type 1, 2, 4); reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Product-type 2, 4, 6, 11, 12, 13)  
**REGULATION (EU) No. 649/2012, in relation to the import and export of hazardous chemical products:** Non-applicable

**Regulation (EC) No. 648/2004 on detergents:**  
In accordance with this regulation, the product complies with the following: The tensoactives contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) No. 648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

#### Labelling for contents:

COMPONENT	CONCENTRATION INTERVAL
Non-ionic surfactants	% (w/w) < 5
Phosphonates	% (w/w) < 5
Soap	% (w/w) < 5
Perfumes	-

**Allergenic fragrances:**  
Citral (CITRAL).

**Preservation agents:**  
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (METHYLCHLOROISOTHIAZOLINONE / METHYLISOTHIAZOLINONE).

**Cleanright (www.cleanright.eu) © A.I.S.E.:**

- Keep away from children.
- Keep away from eyes. If product gets into eyes rinse thoroughly with water.
- People with sensitive or damaged skin should avoid prolonged contact with the product.

#### SEVESO III:

SECTION	DESCRIPTION	LOWER-TIER REQUIREMENTS	UPPER-TIER REQUIREMENTS
P5c	FLAMMABLE LIQUIDS	5000	50000

#### Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc.):

Shall not be used in:

- Ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays.
- Tricks and jokes.
- Games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this Safety Datasheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectoral legislation.

1. Regulation (EC) No. 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetics products.
2. Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
3. Commission Regulation (EC) No. 907/2006 of 20 June 2006 amending Regulation (EC) No. 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII.
4. Commission Regulation (EC) No. 551/2009 of 25 June 2009 amending Regulation (EC) No. 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation).

#### 15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

## Section 16 Other information

### Legislation related to Safety Datasheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This Safety Datasheet has been designed in accordance with ANNEX II - Guide to the compilation of Safety Datasheets of Regulation (EC) No. 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Datasheet which concerns the ways of managing risks:**  
COMMISSION REGULATION (EU) 2020/878  
COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 12):

- New declared substances:  
Amines, C12-14-alkyldimethyl,  
N-oxides (308062-28-4)
- Removed substances:  
Dodecyldimethylamine oxide (1643-20-5)

### Texts of the legislative phrases mentioned in Section 2:

**H319:** Causes serious eye irritation.  
**H412:** Harmful to aquatic life with long lasting effects.  
**H226:** Flammable liquid and vapour.

### Texts of the legislative phrases mentioned in Section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in Section 3.

### CLP Regulation (EC) No. 1272/2008:

**Acute Tox. 2: H310+H330** - Fatal in contact with skin or if inhaled.  
**Acute Tox. 3: H301** - Toxic if swallowed.  
**Acute Tox. 4: H302** - Harmful if swallowed.  
**Aquatic Acute 1: H400** - Very toxic to aquatic life.  
**Aquatic Chronic 1: H410** - Very toxic to aquatic life with long lasting effects.  
**Aquatic Chronic 2: H411** - Toxic to aquatic life with long lasting effects.  
**Eye Dam. 1: H318** - Causes serious eye damage.  
**Eye Irrit. 2: H319** - Causes serious eye irritation.  
**Flam. Liq. 2: H225** - Highly flammable liquid and vapour.  
**Flam. Liq. 3: H226** - Flammable liquid and vapour.  
**Skin Corr. 1C: H314** - Causes severe skin burns and eye damage.  
**Skin Irrit. 2: H315** - Causes skin irritation.  
**Skin Sens. 1A: H317** - May cause an allergic skin reaction.  
**STOT SE 3: H336** - May cause drowsiness or dizziness.

### Classification procedure:

**Eye Irrit. 2:** Calculation method.  
**Aquatic Chronic 3:** Calculation method.  
**Flam. Liq. 3:** Calculation method (2.6.4.3.).

### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this Safety Datasheet, as well as the label on the product.

### Principal bibliographical sources:

- <http://echa.europa.eu>
- <http://eur-lex.europa.eu>

### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road.  
IMDG: International maritime dangerous goods code.  
IATA: International Air Transport Association.  
ICAO: International Civil Aviation Organisation.  
COD: Chemical Oxygen Demand.  
BOD5: 5-day biochemical oxygen demand.  
BCF: Bioconcentration factor.  
LD50: Lethal Dose 50.  
LC50: Lethal Concentration 50.  
Log Pow: Octanol-water partition coefficient.  
Koc: Partition coefficient of organic carbon.  
UFI: Unique formula identifier.  
IARC: International Agency for Research on Cancer.  
SDS: Safety Datasheets.

*The information contained in this Safety Datasheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this Safety Datasheet only refers to this product, which should not be used for needs other than those specified.*