

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date first issue: 01/08/2012 Review date: 14/10/2020 Supersedes version of: 22/10/2019 Version: 11.1

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

1.1. Product identifier

Product form : Mixture : BRITE Product name Product code : 701

Type of product : Cleaning agent, Solvents

Product group : Mixture

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

: Cleaning/washing agents and additives Use of the substance/mixture

1.2.2. Uses advised against

No additional information available

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

Manufacturer Supplier Clover Chemicals Ltd Christeyns NV Clover House Macclesfield Road Afrikalaan 182 9000 GENT SK23 7DQ Whaley Bridge - Derbyshire United Kingdom Belgium

T 01663 733114 - F 01663 733115 T +32 (0)9/ 223 38 71 - F +32 (0)9/ 233 03 44 info@cloverchemicals.com - www.cloverchemicals.com info@christeyns.be - www.christeyns.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

## Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.

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

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

FUH-statements : EUH210 - Safety data sheet available on request.

EUH208 - Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

## 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-no: 111-76-2 Einecs nr: 203-905-0 EG annex nr: 603-014-00-0	5 – 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Ethanol substance with national workplace exposure limit(s) (GB)	CAS-no: 64-17-5 Einecs nr: 200-578-6 EG annex nr: 603-002-00-5	3-5	Flam. Liq. 2, H225
Isopropanol substance with national workplace exposure limit(s) (GB)	CAS-no: 67-63-0 Einecs nr: 200-661-7 EG annex nr: 603-117-00-0 REACH-no: 01-2119457558- 25	1 – 3	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS-no: 55965-84-9 Einecs nr: 611-341-5 EG annex nr: 613-167-00-5 REACH-no: 01-2120764691-48	< 0.1	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS-no: 55965-84-9 Einecs nr: 611-341-5 EG annex nr: 613-167-00-5 REACH-no: 01-2120764691-	( $0.0015 \le C \le 100$ ) Skin Sens. 1A, H317 ( $0.06 \le C < 0.6$ ) Eye Irrit. 2, H319 ( $0.06 \le C < 0.6$ ) Skin Irrit. 2, H315 ( $0.6 \le C \le 100$ ) Eye Dam. 1, H318 ( $0.6 \le C \le 100$ ) Skin Corr. 1C, H314	

Full text of H- and EUH-statements: see section 16

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

## 4.1. Description of first aid measures

General advice : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

Inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

 Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Diagonia and distribution in

Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persists.

Ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Acute effects skin : mild skin irritation.

Acute effects eyes : May cause eye irritation. Redness.

Acute effects oral route : May cause irritation to the digestive tract.

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

No additional information available

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Skin contact

Suitable extinguishing media : Water.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

14/10/2020 (Revision date) EN (English) 2/9

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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

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

## 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

## 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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

## 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent

formation of vapour.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat

sources. Keep container tightly closed.

Incompatible materials : Sources of ignition. Direct sunlight.

Packaging materials : polyethylene. stainless steel.

## 7.3. Specific end use(s)

No additional information available

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

## 8.1. Control parameters

## 8.1.1 National occupational exposure and biological limit values

2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	2-Butoxyethanol	
IOEL TWA	98 mg/m³	
IOEL TWA [ppm]	20 ppm	
IOEL STEL	246 mg/m³	
IOEL STEL [ppm]	50 ppm	
Remark	Skin	
United Kingdom - Occupational Exposure Limits		
Local name	2-Butoxyethanol	
WEL TWA (OEL TWA) [1]	123 mg/m³	
WEL TWA (OEL TWA) [2]	EL TWA (OEL TWA) [2] 25 ppm	
WEL STEL (OEL STEL)	246 mg/m³	
WEL STEL (OEL STEL) [ppm]	50 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2)	

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Isopropanol (67-63-0)		
United Kingdom - Occupational Exposure Limits		
Local name	Propan-2-ol	
WEL TWA (OEL TWA) [1]	999 mg/m³	
WEL TWA (OEL TWA) [2]	400 ppm	
WEL STEL (OEL STEL)	1250 mg/m³	
WEL STEL (OEL STEL) [ppm]	500 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Ethanol (64-17-5)		
United Kingdom - Occupational Exposure Limits		
Local name	Ethanol	
WEL TWA (OEL TWA) [1]	1920 mg/m³	
WEL TWA (OEL TWA) [2]	1000 ppm	

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

No additional information available

## 8.2.2. Personal protection equipment

## Personal protective equipment:

Avoid all unnecessary exposure.

## 8.2.2.1. Eye and face protection

No additional information available

## 8.2.2.2. Skin protection

No additional information available

## 8.2.2.3. Respiratory protection

## Respiratory protection:

Not required

#### 8.2.2.4. Thermal hazards

No additional information available

## 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

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

9.1. Information on basic physical and chemical properties

Physical state: LiquidColour: Blue.Physical state/form: Liquid.

Odour Characteristic.
Odour threshold : Not available

Melting point/range : -1 °C
Freezing point : Not available

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Boiling point/Boiling range : 99 °C

Flammability : Non flammable.

Explosive limits : Not available

Lower explosion limit : Not available

Upper explosion limit : Not available

Flash point : 53 °C Not sustained combustibility

Autoignition temperature : Not available Decomposition temperature : Not available

pH : 7

: Not available Viscosity, kinematic Solubility : soluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50 °C : Not available Density : Not available : 0.987 Relative density Relative vapour density at 20 °C : Not available Particle characteristics : Not applicable

#### 9.2. Other information

## 9.2.1. Information with regard to physical hazard classes

Not sustained combustibility : Yes

9.2.2. Other safety characteristics

VOC content : 96 g/l

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

#### 10.1. Reactivity

Stable under normal conditions.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

LD50 dermal rabbit

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

fume. Carbon dioxide. Carbon monoxide.

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

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)		
LD50 oral rat	1300 mg/kg	
LC50 Inhalation - Rat (Vapours) 2 mg/l/4h		
Isopropanol (67-63-0)		
LD50 oral rat 5840 mg/kg bodyweight (OECD Guideline 401)		
Ethanol (64-17-5)		
LD50 oral rat > 2000 mg/kg		

# Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

> 2000 mg/kg

6] (3:1) (55965-84-9)	
LD50 oral rat	64 mg/kg

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)		
LD50 dermal rat	87.12 mg/kg	
LD50 dermal rabbit	78 mg/kg	
LC50 Inhalation - Rat	0.33 mg/l/4h	
LC50 Inhalation - Rat (Dust/Mist)	0.33 mg/l/4h	
Skin corrosion/irritation	· Not classified	

pH: 7

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified

pH: 7

: Based on available data, the classification criteria are not met Additional information

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Isopropanol	(67-63-0)
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STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

#### 11.2. Information on other hazards

## 11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met

## **SECTION 12: Ecological information**

12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

Not rapidly degradable

2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)		
LC50 - Fish [1]	1474 mg/l	
EC50 - Crustacea [1]	1550 mg/l	
ErC50 other aquatic plants	1840 mg/l	
NOEC chronic crustacea	100 mg/l	
Ethanol (64-17-5)		
LC50 - Fish [1]	> 100 mg/l	
EC50 - Crustacea [1]	> 100 mg/l	
ErC50 algae	> 100 mg/l	

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)		
LC50 - Fish [1]	0.19 mg/l Rainbow trout	
LC50 - Fish [2]	zonnebaars	
EC50 - Crustacea [1]	0.16 mg/l	
EC50 - Other aquatic organisms [1]	0.126 mg/l waterflea	
EC50 - Other aquatic organisms [2]	0.003 mg/l	
EC50 72h - Algae [1]	0.027 mg/l	
ErC50 algae	0.003 mg/l Skeletonema costatum	
ErC50 other aquatic plants	0.018 mg/l selenastrum capricornutum	
NOEC chronic fish	0.05 mg/l	
NOEC chronic crustacea	0.1 mg/l	
NOEC chronic algae	0.0014 mg/l	

12.2. Persistence and degradability		
BRITE		
Persistence and degradability	Biodegradable.	
2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)		
Biodegradation	90.4 %	

## 12.3. Bioaccumulative potential

BRITE		
Bioaccumulative potential	No bioaccumulation.	
2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)		
Bioconcentration factor (BCF REACH)	< 100	
Partition coefficient n-octanol/water (Log Kow)	≈ 0.8	
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-		

## 6] (3:1) (55965-84-9)

Log Pow 0.4

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

## **BRITE**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.

Waste / unused products : Avoid release to the environment.

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
Not regulated	Not regulated	Not regulated

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA
14.2. UN proper shipping name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

## 14.6. Special precautions for user

#### **Overland transport**

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

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

Not applicable

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

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : 96 g/l

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

## 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 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.

Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Acute Tox. 3 (Oral) Acute Tox. 4 (Dermal) Acute Tox. 4 (Oral) Acute Tox. 4	Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermail) Acute Tox. 4 (Dermail) Acute tox. 4 (Oran)	Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2	
Acute Tox. 4 Inhalation:dust,mist) Acute Tox. 4 (Oral) Acute toxicity (inhalation:dust,mist) Category 4 Acute Tox. 4 (Oral) Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4 Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.  Safety data sheet available on request.  Serious eye damage/eye irritation, Category 1 Serious eye damage/eye irritation, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Highly flammable liquid and vapour.  Toxic if swallowed.  Harmful if swallowed.  Harmful in contact with skin.  Fatal in contact with skin.  Harmful in contact with skin.  Causes severe skin burns and eye damage.  1314 Causes severe skin burns and eye damage.  1315 Causes serious eye damage.  1319 Causes serious eye irritation.  Harmful if inhaled.  1330 Fatal if inhaled.  1333 May cause drowsiness or dizziness.  1400 Very toxic to aquatic life.  1410 Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 2 Skin corrosion/irritation, Category 1C	Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Inhalation:dust,mist) Acute Tox. 4 (Oral) Acute tox (Oral	Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1 Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.  Safety data sheet available on request.  Serious eye damage/eye irritation, Category 1 Serious eye damage/eye irritation, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Highly flammable liquid and vapour.  Toxic if swallowed.  Harmful if swallowed.  Harmful in contact with skin.  Fatal in contact with skin.  Causes severe skin bruns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye damage.  Causes serious eye irritation.  Harmful if inhaled.  Harmful if inhaled.  Harmful if inhaled.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin Corrosion/irritation, Category 2 Skin Corrosion/irritation, Category 1 Skin Corrosion/irritation, Category 2	Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4	
Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1  Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-8] (3:1). May produce an allergic reaction.  Safety data sheet available on request.  Serious eye damage/eye irritation, Category 1  Serious eye damage/eye irritation, Category 2  Flam. Liq. 2  Flammable liquids, Category 2  Highly flammable liquid and vapour.  Toxic if swallowed.  Harmful if swallowed.  Harmful if swallowed.  Harmful in contact with skin.  Harmful in contact with skin.  Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  May cause an allergic skin reaction.  Safe May cause drowsiness or dizziness.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin Corr. 1C  Skin corrosion/irritation, Category 2	Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.  EUH210 Safety data sheet available on request.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  Eye Irrit. 2 Serious eye damage/eye irritation, Category 2  Flam. Liq. 2 Flammable liquids, Category 2  Highly flammable liquid and vapour.  Toxic if swallowed.  Harmful if swallowed.  Harmful in contact with skin.  Fatal in contact with skin.  Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye damage.  Harmful if inhaled.  Harmful if inhaled.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 2  Serious eye 1  Safety data sheet available on request.  Category 2  Contains Mixture of: 5-chloro-2-methyl-4-isothia-2-one [EC no. 247-500-7] and 2-methyl-2H-isothia-2-one [EC no. 247-500-7] and 2-methyl-2-elementyl-2-e	Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
no. 220-239-6] (3:1). May produce an allergic reaction.  EUH210 Safety data sheet available on request.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  Eye Irrit. 2 Serious eye damage/eye irritation, Category 2  Flam. Liq. 2 Flammable liquids, Category 2  Flammable liquids, Category 2  Highly flammable liquid and vapour.  Toxic if swallowed.  Toxic if swallowed.  Harmful if swallowed.  Fatal in contact with skin.  Fatal in contact with skin.  Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye irritation.  Fatal if inhaled.  May cause drowsiness or dizziness.  May cause drowsiness or dizziness.  May cause drowsiness or dizziness.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 2	Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Highly flammable liquid and vapour.  Toxic if swallowed. Harmful if swallowed. Harmful in contact with skin. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.  Causes serious eye irritation. Harmful if inhaled. Harmful if inhaled. May cause drowsiness or dizziness.  May cause drowsiness or dizziness.  Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C Skin Irrit. 2 Skin corrosion/irritation, Category 2	EUH208	Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.	
Serious eye damage/eye irritation, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Highly flammable liquid and vapour. Toxic if swallowed. Harmful if swallowed. Harmful in contact with skin. Harmful in contact with skin. Causes severe skin burns and eye damage. Harl Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Harl Causes serious eye irritation. Harl Causes serious eye irritation. Harl Causes serious eye damage. Usuas serious eye irritation. Harl Causes serious eye damage. Usuas serious eye irritation. Harl Causes serious eye irritation. Harl I inhaled. Harl I inhaled. Harl Way cause drowsiness or dizziness. Harl Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C Skin Irrit. 2 Skin corrosion/irritation, Category 2	EUH210	Safety data sheet available on request.	
Flam. Liq. 2 Flammable liquids, Category 2 Highly flammable liquid and vapour. Toxic if swallowed. Harmful if swallowed. Harmful in contact with skin. Harmful in contact with skin. Causes severe skin burns and eye damage. Harmful in Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Harmful if inhaled. Harmful if inhaled. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Skin Corr. 1C Skin Corr. 1C Skin corrosion/irritation, Category 2	Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Highly flammable liquid and vapour. Toxic if swallowed. Harmful if swallowed. Harmful if swallowed. Harmful in contact with skin. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Harmful in contact with skin. Causes skin irritation. Harmful in contact with skin. Harmful in contact with skin. Harmful ir intaled. Harmful if inhaled. Harmful in contact with skin. Harmful in c	Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Toxic if swallowed.  Harmful if swallowed.  Harmful in contact with skin.  Harmful in contact with skin.  Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye irritation.  Harmful in cause serious eye damage.  Causes serious eye irritation.  Harmful if inhaled.  Harmful if inhaled.  Harmful if inhaled.  Wery toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2  Skin corrosion/irritation, Category 2	Flam. Liq. 2	Flammable liquids, Category 2	
Harmful if swallowed. Harmful in contact with skin. Harmful in contact with skin. Harmful in contact with skin.  Causes severe skin burns and eye damage. Harmful in causes skin irritation. Harmful in causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye irritation.  Harmful if inhaled. Harmful if inhaled. Harmful if inhaled.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C Skin Irrit. 2 Skin corrosion/irritation, Category 2	H225	Highly flammable liquid and vapour.	
Fatal in contact with skin.  Harmful in contact with skin.  Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye damage.  Causes serious eye irritation.  Fatal if inhaled.  Harmful if inhaled.  Harmful if inhaled.  Wery toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1  Skin corrosion/irritation, Category 2	H301	Toxic if swallowed.	
Harmful in contact with skin.  Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye irritation.  Causes serious eye irritation.  Fatal if inhaled.  Harmful if inhaled.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1  Skin Irrit. 2  Harmful in contact with skin.  Causes serious eye damage.  Causes serious eye	H302	Harmful if swallowed.	
Causes severe skin burns and eye damage.  Causes skin irritation.  May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye irritation.  Causes serious eye irritation.  Fatal if inhaled.  Fatal if inhaled.  May cause drowsiness or dizziness.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2  Skin corrosion/irritation, Category 2	H310	Fatal in contact with skin.	
Causes skin irritation.  H317 May cause an allergic skin reaction.  H318 Causes serious eye damage.  H319 Causes serious eye irritation.  H330 Fatal if inhaled.  H332 Harmful if inhaled.  H336 May cause drowsiness or dizziness.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2 Skin corrosion/irritation, Category 2	H312	Harmful in contact with skin.	
May cause an allergic skin reaction.  Causes serious eye damage.  Causes serious eye irritation.  Fatal if inhaled.  Harmful if inhaled.  May cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 2	H314	Causes severe skin burns and eye damage.	
Causes serious eye damage.  Causes serious eye irritation.  Fatal if inhaled.  Harmful if inhaled.  Hay cause drowsiness or dizziness.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2  Skin corrosion/irritation, Category 2	H315	Causes skin irritation.	
Causes serious eye irritation.  Fatal if inhaled.  Harmful if inhaled.  Harmful if inhaled.  May cause drowsiness or dizziness.  Havo Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2 Skin corrosion/irritation, Category 2	H317	May cause an allergic skin reaction.	
Fatal if inhaled.  Harmful if inhaled.  Wery toxic to aquasiness or dizziness.  Harmful if inhaled.  Wery toxic to aquatic life.  Harmful if inhaled.  Wery toxic to aquatic life.  Wery toxic to aquatic life.  Wery toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2  Skin corrosion/irritation, Category 2	H318	Causes serious eye damage.	
Harmful if inhaled.  May cause drowsiness or dizziness.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2 Skin corrosion/irritation, Category 2	H319	Causes serious eye irritation.	
H336 May cause drowsiness or dizziness.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2 Skin corrosion/irritation, Category 2	H330	Fatal if inhaled.	
Nery toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C  Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2  Skin corrosion/irritation, Category 2	H332	Harmful if inhaled.	
Very toxic to aquatic life with long lasting effects.  Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C  Skin Irrit. 2 Skin corrosion/irritation, Category 2	H336	May cause drowsiness or dizziness.	
Skin Corr. 1C Skin corrosion/irritation, Category 1, Sub-Category 1C Skin Irrit. 2 Skin corrosion/irritation, Category 2	H400	Very toxic to aquatic life.	
Skin Irrit. 2 Skin corrosion/irritation, Category 2	H410	Very toxic to aquatic life with long lasting effects.	
	Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C	
Skin Sans 1A Skin sansitisation category 1A	Skin Irrit. 2	Skin corrosion/irritation, Category 2	
JAIII JOHS. 17. JAIII SELISIUSIUSI, CALEGOLY 17.	Skin Sens. 1A	Skin sensitisation, category 1A	
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis	STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.