## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 4/15/2017 Revision date: 11/16/2023 Supersedes: 4/5/2021 Version: 2.4

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

## 1.1. Product identifier

Product form Trade name	: Substance : CellGuard™ MH CellGuard™ MH UF
Chemical name EC-No. CAS-No. REACH registration No. Formula Other means of identification Only Representative	<ul> <li>Magnesium hydroxide</li> <li>215-170-3</li> <li>1309-42-8</li> <li>01-2119488756-18</li> <li>Mg(OH)2</li> <li>Magnesium dihydroxide, Magnesium hydroxide, Magnesium(II) hydroxide, milk of magnesia</li> <li>Charles River B.V.</li> <li>Hambakenwetering 7</li> <li>5231 DD 's-Hertogenbosch</li> <li>The Netherlands</li> <li>Phone: 0031 73640 6700</li> </ul>
1.2. Relevant identified uses of the	substance or mixture and uses advised against
<ul> <li>1.2.1. Relevant identified uses</li> <li>Industrial/Professional use spec</li> <li>Use of the substance/mixture</li> <li>1.2.2. Uses advised against</li> <li>No data available</li> </ul>	<ul> <li>Industrial</li> <li>For professional use only</li> <li>For use in industrial applications such as pulp and paper.</li> </ul>
1.3. Details of the supplier of the sa	ifety data sheet
Supplier	Distributor

Supplier Martin Marietta Magnesia Specialties 1800 Eastlake Road Manistee, Michigan 49660 - USA T +1 231-723-2577 Distributor Brenntag Nordic AB Hyllie Stationstorg 31 215 32 Malmö Sweden se-ehs@brenntag-nordic.com

## 1.4. Emergency telephone number

#### Emergency number

: CHEMTREC, U.S.: 1-800-424-9300 INTERNATIONAL: +1-703-527-3887 Available 24/7

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	

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United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	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 data available

2.2. Label elements

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

No labelling applicable

## 2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The substance is not 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.

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

#### 3.1. Substances

Substance type	: Mono-constituent
Name	: CellGuard™ Magnesium Hydroxide
CAS-No.	: 1309-42-8
EC-No.	: 215-170-3
	: 1309-42-8

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Magnesium hydroxide	CAS-No.: 1309-42-8 EC-No.: 215-170-3	98.8	Not classified
Oxides of silicon, iron, aluminum, and calcium	CAS-No.: mixture	1	Not classified

### 3.2. Mixtures

#### Not applicable

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after skin contact	: Not expected to be an irritant. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
4.2. Most important symptoms and effe	ects, both acute and delayed
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use. Do not breathe dust.
Symptoms/effects after inhalation	: Inhalation may cause: irritation, coughing, shortness of breath.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

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

No special procedures required.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	<ul> <li>Not combustible. If there is a fire close by, use suitable extinguishing agents. Water fog.</li> <li>Carbon dioxide. Dry powder. Foam.</li> <li>None known.</li> </ul>	
5.2. Special hazards arising from the substance or mixture		
Fire hazard	: If magnesium hydroxide is heated to the point of decomposition (>360 °C), it forms magnesium oxide and water. If magnesium oxide is heated to the point of volatilization (i.e, >1700 °C), magnesium oxide fumes may be generated.	
Explosion hazard	: Product is not explosive.	
5.3. Advice for firefighters		
Other information	: No additional risk management measures required.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equip	ment and emergency procedures	
General measures	: Avoid creating or spreading dust.	
6.1.1. For non-emergency personnel		
Protective equipment Emergency procedures	<ul><li>Where excessive dust may result, use approved respiratory protection equipment.</li><li>Evacuate unnecessary personnel.</li></ul>	
6.1.2. For emergency responders		
Protective equipment Emergency procedures	<ul> <li>Where excessive dust may result, use approved respiratory protection equipment.</li> <li>Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.</li> </ul>	
6.2. Environmental precautions		
No data available		

6.3. Methods and material for containment and cleaning up	
For containment	: Contain and collect as any solid.

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### 6.4. Reference to other sections

No data available

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	<ul> <li>Provide good ventilation in process area to prevent formation of dust.</li> <li>Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.</li> </ul>
7.2. Conditions for safe storage, including a	ny incompatibilities
Storage conditions Incompatible products	<ul> <li>Keep container closed when not in use.</li> <li>ACID (Strong) - vigorous reaction, heat generated; MALEIC ANHYDRIDE – Alkali and other alkaline earth compounds including magnesium compounds, will cause explosive decomposition of maleic anhydride; PHOSPHORUS – Phosphorus boiled with alkaline hydroxides yields mixed phosphines which may ignite spontaneously with air.</li> </ul>

## 7.3. Specific end use(s)

Specialty chemical applications.

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

### 8.1. Control parameters

## 8.1.1 National occupational exposure and biological limit values

Magnesium hydroxide (1309-42-8)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m³)	10 mg/m³ inhalable dust
Dust, inorganic (respirable dust)	4 mg/m <sup>3</sup>
Regulatory reference	EH40

## 8.1.2. Recommended monitoring procedures

No data available

## 8.1.3. Air contaminants formed

No data available

## 8.1.4. DNEL and PNEC

CellGuard™ Magnesium Hydroxide (1309-42-8)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	16.67 mg/kg bodyweight/day
Acute - systemic effects, inhalation	117.54 mg/m³
Long-term - systemic effects, dermal	16.67 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	117.54 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal 10 mg/kg bodyweight	
Acute - systemic effects, inhalation	34.78 mg/m <sup>3</sup>
Acute - systemic effects, oral	10 mg/kg bodyweight

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CellGuard™ Magnesium Hydroxide (1309-42-8)		
Long-term - systemic effects,oral	10 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	34.78 mg/m <sup>3</sup>	
Long-term - systemic effects, dermal	10 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	0.1 mg/l	
PNEC aqua (marine water)	0.01 mg/l	
PNEC aqua (intermittent, freshwater)	1 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	0.08188 mg/kg dwt	
PNEC sediment (marine water)	0.008188 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0.01912 mg/kg dwt	
PNEC (Oral)		
PNEC oral (secondary poisoning)	66.67 kg/kg food	
PNEC (STP)		
PNEC sewage treatment plant	1 mg/l	

#### 8.1.5. Control banding

No data available

## 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation to minimize exposure to dust.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product. Where excessive dust may result, wear goggles. EN166

#### 8.2.2.2. Skin protection

No data available

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Where excessive dust may result, use approved respiratory protection equipment. Use an N95 respirator. Dust production: dust mask with filter type P2. EN 143

#### 8.2.2.4. Thermal hazards

No data available

#### 8.2.3. Environmental exposure controls

#### Other information:

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

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

9.1. Information on basic physical and chemical properties

Physical state

: Solid

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Colour	: White
Appearance	: Powder
Molecular mass	: 58.34 g/mol
Odour	: Odourless
Odour threshold	: Not available
Melting point	: 350 °C decomposes
Freezing point	: Not available
Boiling point	: Not available
Flammability (solid, gas)	: Non flammable
Explosive properties	: Product is not explosive
Oxidising properties	: No oxidizing properties
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Does not self-ignite
Decomposition temperature	: > 350 °C
рН	: Not available
pH solution	: ≥ 10
Viscosity, kinematic	: Not applicable
Solubility	: Water: 6.9 g/l
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 2.36 g/cm <sup>3</sup> Theoretical density of Mg(OH)2
Relative density	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

No data available

#### 9.2.2. Other safety characteristics

No data available

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

#### 10.1. Reactivity

Reacts with : Incompatible materials.

**10.2. Chemical stability** 

No data available

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

**10.4. Conditions to avoid** 

No data available

### **10.5. Incompatible materials**

ACID (Strong) - vigorous reaction, heat generated; MALEIC ANHYDRIDE – Alkali and other alkaline earth compounds including magnesium compounds, will cause explosive decomposition of maleic anhydride; PHOSPHORUS – Phosphorus boiled with alkaline hydroxides yields mixed phosphines which may ignite spontaneously with air.

### **10.6. Hazardous decomposition products**

If magnesium hydroxide is heated to the point of decompostion (>360 °C), it forms magnesium oxide and water. If magnesium oxide is heated to the point of volatilization (i.e, >1700 °C), magnesium oxide fumes may be generated.SECTION 11: Toxicological information

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**SECTION 11: Toxicological information** 

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11.1. Information on hazard classes as defin	ed in Regulation (EC) No 1272/2008
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	<ul> <li>Not classified</li> <li>Not classified</li> <li>Not classified</li> </ul>
Magnesium hydroxide (1309-42-8)	
LD50 Oral rat	> 2000 mg/kg OECD Guideline 423
LC50 Inhalation rat	<ul> <li>&gt; 2.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity),</li> <li>Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300</li> <li>(Acute inhalation toxicity)</li> </ul>
LC50 Inhalation rat (dust/mist)	> 2.1 mg/l/4h OECD Guideline 403. No mortality seen at this level.
Skin corrosion/irritation	Not classified (Based on available data, the classification criteria are not met)
Magnesium hydroxide (1309-42-8)	
рН	9.5 – 10.5 aqueous slurry
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Magnesium hydroxide (1309-42-8)	
рН	9.5 – 10.5 aqueous slurry
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Magnesium hydroxide (1309-42-8)	
NOAEL (oral, rat, 90 days)	≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:, Guideline: other:, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents), Guideline: other:
Aspiration hazard	Not classified (Based on available data, the classification criteria are not met)
11.2. Information on other hazards	

### 11.2.1. Endocrine disrupting properties

The substance is not 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.

#### 11.2.2. Other information

Potential adverse human health effects and : None under normal conditions. symptoms

SECTION 12: Ecological information	
12.1. Toxicity	
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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Magnesium hydroxide (1309-42-8)		
LC50 fish 1	1293 mg/l Onchorinchus mykiss	
LC50 - Fish [2] 511.31 mg/l P. promelas		
EC50 crustacea	284.76 mg/l	
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species):	
EC50 96h - Algae [1]	10040.746 mg/l Source: QSAR	
ErC50 algae	> 100 mg/l	
12.2. Persistence and degradability		
Magnesium hydroxide (1309-42-8)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	Does not degrade although it does dissolve.	
12.3. Bioaccumulative potential		
CellGuard™ Magnesium Hydroxide (1309-42	-8)	
Bioaccumulative potential	Not established.	
12.4. Mobility in soil		
CellGuard™ Magnesium Hydroxide (1309-42	-8)	
Ecology - soil	No data available.	
12.5. Results of PBT and vPvB assessment		
CellGuard™ Magnesium Hydroxide (1309-42	-8)	
PBT: not relevant – no registration required		
vPvB: not relevant – no registration required		
12.6. Endocrine disrupting properties		
Adverse effects on the environment caused by endocrine disrupting properties	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 at a concentration equal to or greater than 0,1 %.	
12.7. Other adverse effects		
Additional information	Avoid release to the environment.	
SECTION 13: Disposal considerations		

13.1. Waste treatment methods	
Waste disposal recommendations Ecology - waste materials	<ul><li>Dispose in a safe manner in accordance with local/national regulations.</li><li>Avoid release to the environment.</li></ul>

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

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14.1. UN number or ID number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	<ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> </ul>
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID)	<ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> </ul>
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR)	: Not applicable
IMDG Transport hazard class(es) (IMDG)	: Not applicable
IATA Transport hazard class(es) (IATA)	: Not applicable
ADN Transport hazard class(es) (ADN)	: Not applicable
<b>RID</b> Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	<ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> </ul>
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	: No : No : No supplementary information available
14.6. Special precautions for user	
<b>Overland transport</b> No data available	
<b>Transport by sea</b> No data available	
<b>Air transport</b> No data available	

Inland waterway transport No data available

Rail transport No data available

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

Not applicable

## SECTION 15: Regulatory information

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

Not listed on REACH Annex XVII

#### **REACH** Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Not listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Not listed on the PIC list (Regulation EU 649/2012)

## POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

#### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 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

Magnesium hydroxide (1309-42-8)		
Jurisdiction	List	Comment
Asia Pacific	Asia - PAC	
Australia	Australian Inventory of Chemical Substances (AICS)	
China	Inventory of Existing Chemical Substances (IECSC)	
Japan	Existing and New Chemical Substances (ENCS)	# 1-386; inorganic compounds
Korea	KECI (Chemical Inventory of Korea)	KE-22716
New Zealand	Inventory of Chemicals (NZIoC)	HSNO approval
Phillipines	Inventory of Chemicals and Chemical Substances (PICCS)	
Europe	EEC International Cosmetics Ingredients Inventory (INCI)	absorbant/ buffering
	EU REACH pre-registered	
	EU REACH registered	01-2119488756-18-0001
	EU Inventory of Existing Commercial Chemical Substances (EINECS)	215-170-3
	German Water Hazard Class Substance List	Classification: VwVwS
	Switzerland Giftliste 1 (List of Toxic Substances)	G-8166 Toxic Category 4
Canada	Canadian Domesticated Substances List (DSL)	Listed
North America	DOT Coast Guard Bulk Hazardous Materials	
	EPA Pesticide Inert Ingredients (PII)	
	FDA Food Substances Generally Recognized as Safe (GRAS)	
	FDA Priority-based Assessment of Food Additives (PAFA)	
	High Production Volume Chemicals (HPV)	
	OSHA Permissible Exposure Limits	8 hour TWA: total particulates 15 mg/ m3
	Toxic Substances Control Act (TSCA) Inventory	
	Toxic Inventory Update Rule (IUR)	
	TSCA Section 8A-Preliminary Assessment Information Rule (PAIR)	
	High Production Volume Chemicals: ICCA	

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High Production Volume Chemicals: OECD	

#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out

## **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Regulatory reference	Modified	
11.2.	Adverse health effects caused by endocrine disrupting properties	Added	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	

Abbreviations and acronyms:		
ACGIH (American Conference of Government Industrial Hygienists)		
	CAS (Chemical Abstracts Service) number	
	EC50: Environmental Concentration associated with a response by 50% of the test population.	
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals	
	LD50: Lethal Dose for 50% of the test population	
	OSHA: Occupational Safety & Health Administration	
	TSCA: Toxic Substances Control Act	
	TWA: Time Weighted Average	
	ATE: Acute Toxicity Estimate	

Data sources

: ESIS (European chemincal Substances Information System; accessed at:

http://esis.jrc.ec.europa.eu/index.php?PGM=cla. ACGIH 2000. European Chemicals Agency (ECHA) C&L Inventory database. Accessed at http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database. European Chemicals Agency (ECHA) Registered Substances list. Accessed at http://echa.europa.eu/. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. NIOSH Occupational Health Guide for chemical

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. US

Substances - Vol. II, September, 1978. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on

National Library of Medicine National Institutes of Health Haz-Map. Accessed at

#### Other information

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.

http://hazmap.nlm.nih.gov.

: None.