

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

#### 1.1. Product identifier

Product form	: Mixture
Product name	: James Basic Cleaner
Product code	: 5100.11_76068RV16
Type of product	: Detergent, Treated article (Biocide)
Product group	: Trade product

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

##### 1.2.1. Relevant identified uses

Main use category	: Professional use, Consumer use
Use of the substance/mixture	: The data given here is based on the product properties as mentioned in section 1.1. and is provided on the assumption, that the product will be used in the manner and for the purposes for which the manufacturer indicates.
Use of the substance/mixture	: Cleaner Floor cleaner.
Function or use category	: Cleaning/washing agents and additives

Title	Use descriptors
Professional uses; Brushing after trigger spraying or brushing with tools (Association ref code: AISE_SUMI_PW_10_1_G)	SU22, PC35, PROC10, ERC8a, AISE SPERC 8a.1.a.v2
Professional uses; Manual application (Association ref code: AISE_SUMI_PW_19_1_G)	SU22, PC35, PROC19, ERC8a, AISE SPERC 8a.1.a.v2
Professional uses; Semi-closed system (Association ref code: AISE_SUMI_PW_4_1)	SU22, PC35, PROC2, ERC8a, AISE SPERC 8a.1.a.v2
Transfer of product via a dedicated system (bottle/machine) (Association ref code: AISE_SUMI_PW_8a_2_G)	SU22, PC35, PROC8b, ERC8a, AISE SPERC 8a.1.a.v2
Consumer use of washing and cleaning products	SU21, PC35, ERC8a

Full text of use descriptors: see section 16

##### 1.2.2. Uses advised against

No additional information available

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

James  
Rudolf Dieselweg 28 a  
NL-5928 RA Venlo - Nederland  
T +31 (0) 773278000  
[info@james.eu](mailto:info@james.eu)

#### 1.4. Emergency telephone number

Emergency number : See Section 1.3; Only during office hours

Country	Organisation/Company	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)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
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.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
EUH-statements : EUH208 - Contains D-LIMONENE. May produce an allergic reaction.  
Intended for general public  
Child-resistant fastening : Not applicable  
Tactile warning : Not applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB, IE, MT)	(CAS-No.) 107-98-2 (EC-No.) 203-539-1 (EC Index-No.) 603-064-00-3 (REACH-no) 01-2119457435-35	5 – 10	Flam. Liq. 3, H226 STOT SE 3, H336
3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER)	(CAS-No.) 5131-66-8 (EC-No.) 225-878-4 (EC Index-No.) 603-052-00-8 (REACH-no) 01-2119475527-28	5 – 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Sodiumoctylsulfate (INCI: SODIUM ETHYLHEXYL SULFATE)	(CAS-No.) 126-92-1 (EC-No.) 204-812-8	1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sodium cumenesulfonate (INCI: SODIUM CUMENESULFONATE)	(CAS-No.) 15763-76-5; (28348-53-0) (EC-No.) 248-983-7 (EC Index-No.) 239-854-6 (REACH-no) 01-2119489411-37	1 – 5	Eye Irrit. 2, H319
2-phenoxyethanol (INCI: PHENOXYETHANOL) (Active substance (Biocide))	(CAS-No.) 122-99-6 (EC-No.) 204-589-7 (EC Index-No.) 603-098-00-9 (REACH-no) 01-2119488943-21	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. Not classified (Dermal) Eye Irrit. 2, H319 STOT SE Not classified

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(R)-p-mentha-1,8-diene (D-Limonene) (INCI: D-LIMONENE)	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119529223-47	0,1 – 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Sodium hydroxide (INCI: SODIUM HYDROXIDE) substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	0,1 – 1	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314
Potassiumcocoate (INCI: POTASSIUM COCOATE)	(CAS-No.) 61789-30-8 (EC-No.) 263-049-9	0,1 – 1	Eye Irrit. 2, H319
2,6-di-tert-butyl-p-cresol (INCI: BHT) substance with national workplace exposure limit(s) (GB, IE)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119555270-46	< 0,1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER)	(CAS-No.) 5131-66-8 (EC-No.) 225-878-4 (EC Index-No.) 603-052-00-8 (REACH-no) 01-2119475527-28	( 20 ≤C < 100) Skin Irrit. 2, H315 ( 20 ≤C < 100) Eye Irrit. 2, H319
Sodiumoctylsulfate (INCI: SODIUM ETHYLHEXYL SULFATE)	(CAS-No.) 126-92-1 (EC-No.) 204-812-8	( 10 ≤C < 20) Eye Irrit. 2, H319 ( 20 ≤C < 100) Eye Dam. 1, H318
Sodium hydroxide (INCI: SODIUM HYDROXIDE)	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0,5 ≤C < 2) Eye Irrit. 2, H319 ( 0,5 ≤C < 2) Skin Irrit. 2, H315 ( 2 ≤C < 5) Skin Corr. 1B, H314 ( 5 ≤C < 100) Skin Corr. 1A, H314

Full text of H-statements: see section 16

## 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 inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation	: Inhalation unlikely.
Symptoms/effects after skin contact	: May cause an allergic skin reaction. May cause slight irritation to the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation. Blurred vision. Burning sensation. Tears. Redness.
Symptoms/effects after ingestion	: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

No additional information available

### 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

General measures	: Concerning personal protective equipment to use, see section 8. Material spilled on hard surface can present a serious slipping/falling hazard.
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### 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.

### 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.

### 6.4. Reference to other sections

See Heading 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. Normal precautions for the use of chemicals and cleaners should be taken care of. See information supplied by the manufacturer.  
Hygiene measures : Do not eat, drink or smoke when using this product.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed. Protect from freezing.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) (107-98-2)

##### EU - Occupational Exposure Limits

Local name	1-Methoxypropanol-2
IOELV TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
IOELV TWA (ppm)	100 ppm
IOELV STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
IOELV STEL (ppm)	150 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

##### Ireland - Occupational Exposure Limits

Local name	Propylene glycol monomethyl ether
OEL (8 hours ref) (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	100 ppm
OEL (15 min ref) (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
OEL (15 min ref) (ppm)	150 ppm
Notes (IE)	IOELV
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016

##### Malta - Occupational Exposure Limits

Local name	1-Methoxypropanol-2
OEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
OEL TWA (ppm)	100 ppm
OEL STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
OEL STEL (ppm)	150 ppm
Regulatory reference	S.L.424.24

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### United Kingdom - Occupational Exposure Limits

Local name	1-Methoxypropan-2-ol
WEL TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
WEL TWA (ppm)	100 ppm
WEL STEL (mg/m <sup>3</sup> )	560 mg/m <sup>3</sup>
WEL STEL (ppm)	150 ppm
Remark (WEL)	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)
Regulatory reference	EH40. HSE

### Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)

#### Ireland - Occupational Exposure Limits

Local name	Sodium hydroxide
OEL (15 min ref) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016

#### United Kingdom - Occupational Exposure Limits

Local name	Sodium hydroxide
WEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Regulatory reference	EH40. HSE

### 2,6-di-tert-butyl-p-cresol (INCI: BHT) (128-37-0)

#### Ireland - Occupational Exposure Limits

Local name	2,6-Ditertiary-butyl-para- cresol
OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016

#### United Kingdom - Occupational Exposure Limits

Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Regulatory reference	EH40. HSE

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#### DNEL/DMEL (additional information)

See http	//www.dguv.de/ifa/de/gestis/limit_values/index.jsp: Information on ingredients.
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### 3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER) (5131-66-8)

#### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	44 – 52 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	270,5 (147 – 270,5) mg/m <sup>3</sup>

#### DNEL/DMEL (General population)

Long-term - systemic effects, oral	8,75 – 12,5 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	33,8 – 43 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	16 – 22 mg/kg bodyweight/day

#### PNEC (Water)

PNEC aqua (freshwater)	0,525 mg/l
PNEC aqua (marine water)	0,0525 mg/l
PNEC aqua (intermittent, freshwater)	5,25 mg/l

#### PNEC (Sediment)

PNEC sediment (freshwater)	2,36 mg/kg dwt
PNEC sediment (marine water)	0,236 mg/kg dwt

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### 3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER) (5131-66-8)

#### PNEC (Soil)

PNEC soil	0,16 mg/kg dwt
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#### PNEC (STP)

PNEC sewage treatment plant	10 mg/l
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### 1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) (107-98-2)

#### DNEL/DMEL (Workers)

Acute - local effects, inhalation	553,5 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	50,6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	369 mg/m <sup>3</sup>

#### DNEL/DMEL (General population)

Long-term - systemic effects, oral	3,3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	43,9 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	18,1 mg/kg bodyweight/day

#### PNEC (Water)

PNEC aqua (freshwater)	10 mg/l
PNEC aqua (marine water)	1 mg/l

#### PNEC (Sediment)

PNEC sediment (freshwater)	41,6 mg/kg dwt
PNEC sediment (marine water)	4,17 mg/kg dwt

#### PNEC (Soil)

PNEC soil	2,47 mg/kg dwt
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#### PNEC (STP)

PNEC sewage treatment plant	100 mg/l
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### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

#### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	34,72 mg/kg bodyweight/day
Long-term - local effects, dermal	20,83
Long-term - systemic effects, inhalation	8,07 mg/m <sup>3</sup>
Long-term - local effects, inhalation	8,07 mg/m <sup>3</sup>

#### DNEL/DMEL (General population)

Acute - systemic effects, oral	17,43 mg/kg bodyweight
Long-term - systemic effects, oral	17,43 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2,41 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	20,83 mg/kg bodyweight/day
Long-term - local effects, inhalation	2,41 mg/m <sup>3</sup>

#### PNEC (Water)

PNEC aqua (freshwater)	0,943 mg/l
PNEC aqua (marine water)	0,094 mg/l
PNEC aqua (intermittent, freshwater)	3,44 mg/l

#### PNEC (Sediment)

PNEC sediment (freshwater)	7,23 mg/kg dwt
PNEC sediment (marine water)	0,723 mg/kg dwt

#### PNEC (Soil)

PNEC soil	1,26 mg/kg dwt
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### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

#### PNEC (STP)

PNEC sewage treatment plant	24,8 mg/l
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### Sodiumoctylsulfate (INCI: SODIUM ETHYLHEXYL SULFATE) (126-92-1)

#### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	4060 mg/kg bodyweight/day
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Long-term - systemic effects, inhalation	285 mg/m <sup>3</sup>
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#### DNEL/DMEL (General population)

Long-term - systemic effects, oral	24 mg/kg bodyweight/day
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Long-term - systemic effects, inhalation	85 mg/m <sup>3</sup>
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Long-term - systemic effects, dermal	2440 mg/kg bodyweight/day
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#### PNEC (Water)

PNEC aqua (freshwater)	0,1357 mg/l
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PNEC aqua (marine water)	0,01357 mg/l
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#### PNEC (Sediment)

PNEC sediment (marine water)	0,15 mg/kg dwt
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#### PNEC (Soil)

PNEC soil	0,22 mg/kg dwt
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### Sodium cumenesulfonate (INCI: SODIUM CUMENESULFONATE) (15763-76-5; (28348-53-0))

#### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	7,6 – 136,25 mg/kg bodyweight/day
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Long-term - local effects, dermal	0,096 mg/cm <sup>2</sup>
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Long-term - systemic effects, inhalation	26,9 – 53,6 mg/m <sup>3</sup>
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#### DNEL/DMEL (General population)

Long-term - systemic effects, oral	3,8 mg/kg bodyweight/day
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Long-term - systemic effects, inhalation	6,6 – 13,2 mg/m <sup>3</sup>
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Long-term - systemic effects, dermal	3,8 – 68,1 mg/kg bodyweight/day
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Long-term - local effects, dermal	0,048 mg/cm <sup>2</sup>
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#### PNEC (Water)

PNEC aqua (freshwater)	0,23 mg/l
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PNEC aqua (marine water)	0,023
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PNEC aqua (intermittent, freshwater)	2,3 mg/l
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#### PNEC (Sediment)

PNEC sediment (freshwater)	0,862 mg/kg dwt
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PNEC sediment (marine water)	0,0862 mg/kg dwt
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#### PNEC (Soil)

PNEC soil	0,037 mg/kg dwt
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#### PNEC (STP)

PNEC sewage treatment plant	100 mg/l
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## 8.2. Exposure controls

### Personal protective equipment:

Avoid contact with skin, eyes and clothing. Avoid all unnecessary exposure. Eye protection. Safety glasses.

### Hand protection:

None under normal use

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### Eye protection:

Wear eye/face protection. Chemical goggles or safety glasses. Standard. EN 166. Eye protection should only be necessary where liquid could be splashed or sprayed

### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

### Respiratory protection:

No special protection required where adequate ventilation is maintained

### Personal protective equipment symbol(s):



### 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	: Liquid
Colour	: light yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 10,35 (20°C)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 60 °C Not applicable (aqueous non combustible product)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,039 g/cm <sup>3</sup> (20°C)
Solubility	: Material highly soluble in water. completely soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: < 9,625 mm <sup>2</sup> /s
Viscosity, dynamic	: < 10 mPa·s (20°C)
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Not established.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : fume. Carbon monoxide. Carbon dioxide.



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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

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

#### 3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER) (5131-66-8)

LD50 oral rat	3300 mg/kg
LD50 oral	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 3,5 mg/l/4h

#### 1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) (107-98-2)

LD50 oral rat	4016 – 5000 mg/kg
LD50 oral	3739 mg/kg bodyweight
LD50 dermal rabbit	13500 mg/kg
LD50 dermal	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	6 mg/l/4h
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 26315 mg/l/4h

#### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

LD50 oral rat	1260 mg/kg
LD50 oral	1850 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg
LD50 dermal	14391 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 1000 mg/l/4h

#### Sodiumoctylsulfate (INCI: SODIUM ETHYLHEXYL SULFATE) (126-92-1)

LD50 oral rat	2840 – 4000 mg/kg
LD50 dermal rat	2000 – 6540 µl/kg

#### Sodium cumenesulfonate (INCI: SODIUM CUMENESULFONATE) (15763-76-5; (28348-53-0))

LD50 oral rat	> 2000 (2001 – 7000) mg/kg
LD50 oral	> 7000 mg/kg bodyweight (Rat)
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5 mg/l (232 min.)

#### (R)-p-mentha-1,8-diene (D-Limonene) (INCI: D-LIMONENE) (5989-27-5)

LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	5000 mg/kg

#### Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)

LD50 oral rat	140 – 333 mg/kg
LD50 oral	> 500 mg/kg (Rat)
LD50 dermal rabbit	1350 mg/kg

#### 2,6-di-tert-butyl-p-cresol (INCI: BHT) (128-37-0)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg

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Skin corrosion/irritation	: Not classified pH: 10,35 (20°C)
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation. pH: 10,35 (20°C)
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

### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

NOAEL (oral, rat)	700 mg/kg bodyweight
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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

### James Basic Cleaner

Viscosity, kinematic	< 9,625 mm <sup>2</sup> /s
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Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met. With the product as such no toxicological tests have been done. According to the criteria of art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified as mentioned in section 2. Components that are toxic are mentioned in section 3.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: With the product as such no ecological tests have been done. According to the criteria of art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified concerning the environment as mentioned in section 2. Components that are dangerous to the environment are mentioned in section 3.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### 3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER) (5131-66-8)

LC50 fish 1	560 – 1000 mg/l (96h, Poecilia reticulata)
EC50 Daphnia 1	> 1000 mg/l (48h)
EC50 other aquatic organisms 1	> 1000 mg/l
EC50 72h algae (1)	> 1000 mg/l (Algae, 72h, Selenastrum capricornutum)

### 1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) (107-98-2)

LC50 fish 1	> 4000 (4000 – 10000) mg/l (96h, Leuciscus idus)
LC50 fish 2	20800 mg/l (96h, Pimephales promelas)
EC50 Daphnia 1	23300 mg/l (48h)
EC50 Daphnia 2	> 500 mg/l (48h)
EC50 other aquatic organisms 1	23300 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 500 mg/l IC50 algae (72 h) mg/l
EC50 72h algae (1)	> 1000 mg/l (72h, Pseudokirchneriella subcapitata)

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### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

LC50 fish 1	344 mg/l (96h, Pimephales promelas)
EC50 Daphnia 1	> 500 mg/l (48h)
EC50 other aquatic organisms 2	443 mg/l IC50 algae (72 h) mg/l
EC50 72h algae (1)	> 500 mg/l (Algae, EC50, 72h, Scenedesmus subspicatus))

### Sodiumoctylsulfate (INCI: SODIUM ETHYLHEXYL SULFATE) (126-92-1)

LC50 fish 1	> 40 mg/l (96h, Oncorhynchus mykiss, semi-static)
EC50 Daphnia 1	483 mg/l (48h)
EC50 72h algae (1)	511 mg/l (72h, Desmodesmus subspicatus)

### Sodium cumenesulfonate (INCI: SODIUM CUMENESULFONATE) (15763-76-5; (28348-53-0))

LC50 fish 1	> 100 mg/l (96h, Oncorhynchus mykiss)
EC50 Daphnia 1	> 100 mg/l (48h)
EC50 other aquatic organisms 1	> 100 mg/l (72h, Desmodesmus subspicatus)
EC50 other aquatic organisms 2	> 1000 mg/l (Bacteriacea, EC10, 3h, OECD 209)

### Potassiumcocoate (INCI: POTASSIUM COCOATE) (61789-30-8)

LC50 fish 1	> 10 mg/l
EC50 Daphnia 1	> 10 mg/l (48h)

### (R)-p-mentha-1,8-diene (D-Limonene) (INCI: D-LIMONENE) (5989-27-5)

LC50 fish 1	0,7 mg/l (96h, Pimephales promelas)
LC50 fish 2	< 1 mg/l (96h)
LC50 other aquatic organisms 1	0,67 mg/l (48h, Daphnia magna, OECD 202)
EC50 Daphnia 1	0,4 mg/l (48h)
EC50 Daphnia 2	< 1 mg/l (48h)
EC50 72h algae (1)	< 1 mg/l (72h, IC50)
EC50 72h algae (2)	150 mg/l (72h, Desmodesmus subspicatus, OECD 201)

### Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)

LC50 fish 1	33 – 189 mg/l (96h)
LC50 fish 2	189 (48h, Leuciscus idus, OECD 203)
LC50 other aquatic organisms 1	45,5 mg/l (LC50, fish, Oncorhynchus mykiss)
EC50 Daphnia 1	33 – 450 (48h)
EC50 Daphnia 2	40,4 mg/l (48h, Ceriodaphnia sp.)
EC50 other aquatic organisms 1	> 33 mg/l EC50 waterflea (48 h)

### 2,6-di-tert-butyl-p-cresol (INCI: BHT) (128-37-0)

EC50 Daphnia 1	0,61 mg/l (48h)
EC50 other aquatic organisms 1	> 10000 mg/l (3h, bacteriaceae)

## 12.2. Persistence and degradability

### James Basic Cleaner

Persistence and degradability	Not established.
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### 1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) (107-98-2)

Biodegradation	> 70 % (OECD 301 E)
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### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

Biodegradation	70 % (15d, OECD 301A)
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### Sodium cumenesulfonate (INCI: SODIUM CUMENESULFONATE) (15763-76-5; (28348-53-0))

Biodegradation	> 60 % (6d, OECD TG 301B)
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### (R)-p-mentha-1,8-diene (D-Limonene) (INCI: D-LIMONENE) (5989-27-5)

Biodegradation	72 – 83,4 % (OECD 301 B)
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### 12.3. Bioaccumulative potential

#### James Basic Cleaner

Bioaccumulative potential	Not established.
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### 3-butoxypropan-2-ol (INCI: PROPYLENE GLYCOL BUTYL ETHER) (5131-66-8)

Partition coefficient n-octanol/water (Log Pow)	1,2
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Partition coefficient n-octanol/water (Log Kow)	0,98
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### 1-methoxy-2-propanol; monopropylene glycol methyl ether (INCI: METHOXYISOPROPANOL) (107-98-2)

Partition coefficient n-octanol/water (Log Pow)	-0,437
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Partition coefficient n-octanol/water (Log Kow)	-0,49
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### 2-phenoxyethanol (INCI: PHENOXYETHANOL) (122-99-6)

Bioconcentration factor (BCF REACH)	0,35
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Partition coefficient n-octanol/water (Log Kow)	1,16 (OECD 107)
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### Sodiumoctylsulfate (INCI: SODIUM ETHYLHEXYL SULFATE) (126-92-1)

Partition coefficient n-octanol/water (Log Pow)	-0,35
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Partition coefficient n-octanol/water (Log Kow)	-0,35
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### Sodium cumenesulfonate (INCI: SODIUM CUMENESULFONATE) (15763-76-5; (28348-53-0))

Partition coefficient n-octanol/water (Log Kow)	-1,5
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### Potassiumcocoate (INCI: POTASSIUM COCOATE) (61789-30-8)

Partition coefficient n-octanol/water (Log Kow)	1,19
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### (R)-p-mentha-1,8-diene (D-Limonene) (INCI: D-LIMONENE) (5989-27-5)

Partition coefficient n-octanol/water (Log Kow)	4,38
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### Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)

Partition coefficient n-octanol/water (Log Kow)	-3,88
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### 2,6-di-tert-butyl-p-cresol (INCI: BHT) (128-37-0)

Partition coefficient n-octanol/water (Log Pow)	4,17
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Partition coefficient n-octanol/water (Log Kow)	5,1
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: This material and its container must be disposed of in a safe way, and as per local legislation. Product as it is : Chemical refuse, Dispose as hazardous waste. Empty containers can be dumped after cleaning according to local legislation. Recycling is preferred to disposal or incineration. Empty the packaging completely prior to disposal. Flush residue with large amounts of water.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances

### SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

No data available

##### Transport by sea

No data available

##### Air transport

No data available

##### Inland waterway transport

No data available

##### Rail transport

No data available

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

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

Allergenic fragrances > 0,01%:

Citral (INCI: CITRAL)  
(R)-p-mentha-1,8-diene (D-Limonene) (INCI: D-LIMONENE)

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Detergent Regulation (648/2004/EC): Labelling of contents:

Component	%
soap, anionic surfactants, non-ionic surfactants	<5%
PHENOXYETHANOL	
perfumes	
CITRAL	
D-LIMONENE	

### Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

This product contains biocidal products

Type of product (Biocide) :

Contains : PHENOXYETHANOL

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Raw materials information section 3.

See <http://esis.jrc.ec.europa.eu/index.php?PGM=dat> : Information on ingredients.

Health hazards

See Section 2 & 3 & 11.

Physical hazards

See Section 2 & 10.

Environmental hazards

See Section 2 & 3 & 12.

### SECTION 16: Other information

#### Indication of changes:

Section	Changed item	Change	Comments
	Revision date	Modified	
1.1	Type of product	Modified	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
16	Abbreviations and acronyms	Modified	

#### Abbreviations and acronyms:

	ABM: Algemene Beoordelings Methodiek (NL) / ADR: Accord Européen relatif au transport international des marchandises dangereuses par route / ALG: Allergen / AQT: Aquatic Toxicity / Atm: Atmosphere (unit of pressure) / bw: bodyweight / C: Ceiling / CAR: Carcinogenic Effects / CAS No: Chemical Abstracts Service Number (see ACS – American Chemical Society) / CMRs: Carcinogenic, Mutagenic or toxic to Reproduction (substances) / CSR: Chemical Safety Report / Cc (cm3): Cubic Centimeter / DNEL: Derived No-Effect Level / EC50: half maximal effective concentration / ED50: Effective Dose 50 / ET50: Exposure Time 50 / I.V.: Intravenous / Kg: Kilogram / LC: Lethal Concentration / LC50: Median Lethal Concentration / LCLO: Lowest Lethal Airborne Concentration Tested (see also LC50, LD50) / LD: Lethal Dose / LD50: Median Lethal Dose LDLO: Lowest Lethal Dose Tested (see also LC50, LD50) / MAC: Maximum Allowable Concentration / MAK: Maximale Arbeitsplatz-Konzentration (Germany, Maximum Workplace Concentration, see OEL) / MSDS: Material Safety Data Sheet / NOAEL: No Observed Adverse Effect Level / NOEL: No Observable Effect Level / OEL: Occupational Exposure Limits / PBTs: Persistent, Bioaccumulative and Toxic substances / PEC: Predicted Environmental Concentration / PNEC: Predicted No-Effect Concentration / REACH: Registration, Evaluation, Authorisation and Restriction of Chemical substances / STEL: Short-Term Exposure Limit / STEV: Short-Term Exposure Value / STP: Sewage Treatment Plant TLM: Threshold Limit, Median / TLV-C: Threshold Limit Value-Ceiling / TLV@: Threshold Limit Value / TWA: Time-Weighted Average / WGK: Wassergefährdungskategorie (Water Hazard Class under German Federal Water Management Act) / g/gms: Grams / kJ/mol: Kilojoules per mole / kPa: KiloPascal (unit of pressure) / m3: Cubic Meter / mg: Milligram / ml: Milliliter / ml Hg: Milliliters of Mercury / n.o.s.: Not Otherwise Specified / nm: nanometer / ppb: Parts Per Billion / pph: parts per hundred (= percent) / ppm: Parts Per Million / ppt: parts per trillion / vPvBs: Very Persistent and Very Bioaccumulative substances
CAS-No.	Chemical Abstract Service number
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
N.O.S.	Not Otherwise Specified
NOEC	No-Observed Effect Concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
SDS	Safety Data Sheet
VOC	Volatile Organic Compounds
WGK	Water Hazard Class
vPvB	Very Persistent and Very Bioaccumulative

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. **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. Not classified (Dermal)	Acute toxicity (dermal) Not classified
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration 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. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE Not classified	Specific target organ toxicity (single exposure) Not classified
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
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.
EUH208	Contains D-LIMONENE. May produce an allergic reaction.

Full text of use descriptors	
AISE SPERC 8a.1.a.v2	Wide Dispersive Use in 'Down the Drain' cleaning and maintenance products (Consumers and Professionals)
ERC8a	Wide dispersive indoor use of processing aids in open systems
PC35	Washing and cleaning products (including solvent based products)
PROC10	Roller application or brushing
PROC19	Manual activities involving hand contact
PROC2	Use in closed, continuous process with occasional controlled exposure
PROC8b	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities
SU21	Consumer uses: Private households (= general public = consumers)
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SDS EU (REACH Annex II)

*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.*



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