

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

1.1. Product identifier

Product form : Mixtures
 Product name : James Quick Cleaner
 Product code : 5005.16_76068RD75
 Type of product : Detergent
 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
 Alkaline cleaner.
 Function or use category : Cleaning/washing agents and additives

Title	Use descriptors
Transfer of professional product to a container (bottle/bucket/machine) (Association ref code: AISE GEIS.8a.1.a.v1)	SU22, PC35, PROC8a, ERC8a, AISE SPERC 8a.1.a.v2
Brushing a diluted professional product (Association ref code: AISE GEIS.10.1.a.v1)	SU22, PC35, PROC10, ERC8a, AISE SPERC 8a.1.a.v2
Brushing a concentrated professional product (Association ref code: AISE GEIS.10.1.b.v1)	SU22, PC35, PROC10, ERC8a, AISE SPERC 8a.1.a.v2

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

Supplier

James
 Mercuriusplein 1
 5971 LW Grubbenvorst - Nederland
 T +31 (0) 773278000
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
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 1A H314

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

The classification in categories of danger in compliance with Regulation (EC) 1272/2008 and Directive 1999/45/EC does not apply to cosmetic products.

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger

Hazardous ingredients : POTASSIUM HYDROXIDE

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage

Precautionary statements (CLP) : P102 - Keep out of reach of children
P280 - Wear protective gloves, eye protection
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor, a POISON CENTER
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Intended for general public

Security closing plug for children : Applicable

Tactile warning : Applicable

2.3. Other hazards

Other hazards not contributing to the classification : No supplementary information available. The information in this section applies to the undiluted product.

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]
Trisodiumorthophosphate (INCI: TRISODIUM PHOSPHATE)	(CAS No) 7601-54-9 (EC No) 231-509-8 (REACH-no) 01-2119489800-32	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400
2-(2-butoxyethoxy)ethanol (INCI: BUTOXYDIGLYCOL)	(CAS No) 112-34-5 (EC No) 203-961-6 (EC Index No) 603-096-00-8 (REACH-no) 01-2119475104-44	1 - 5	Eye Irrit. 2, H319
Alcohol(C9-11)EO(5-15) (INCI: C9-11 PARETH-8)	(CAS No) 68439-46-3 (REACH-no) 01-2119980051-45	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Trisodium nitrilotriacetate (INCI: TRISODIUM NTA)	(CAS No) 5064-31-3 (EC No) 225-768-6 (EC Index No) 607-620-00-6	0,1 - 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Carc. 2, H351

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Trisodium nitrilotriacetate (INCI: TRISODIUM NTA)	(CAS No) 5064-31-3 (EC No) 225-768-6 (EC Index No) 607-620-00-6	(C >= 5) Carc. 2, H351

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).

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First-aid measures after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. If you feel unwell, seek medical advice (show the label where possible). Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries	: Causes severe skin burns and eye damage.
Symptoms/injuries after inhalation	: Inhalation unlikely. Overexposure may result in : Soar throat. Cough. Shortness of breath. Difficulty in breathing.
Symptoms/injuries after skin contact	: Burns. Redness, pain.
Symptoms/injuries after eye contact	: Blurred vision. Burning sensation. Tears. Redness, pain. Causes serious eye damage.
Symptoms/injuries after ingestion	: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause burns or 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: Fire-fighting 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

Fire hazard	: Not combustible.
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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.
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Do not flush into surface water. Avoid release to the environment.

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. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Dispose of in accordance with relevant local regulations. Wash away remainder with plenty of water.
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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	: Normal precautions for the use of chemicals and cleaners should be taken care of. See information supplied by the manufacturer. 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.
Hygiene measures	: Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Comply with applicable regulations.
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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

2-(2-butoxyethoxy)ethanol (112-34-5)		
EU	Local name	2-(2-Butoxyethoxy)ethanol
EU	IOELV TWA (mg/m ³)	67,5 mg/m ³
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m ³)	101,2 mg/m ³
EU	IOELV STEL (ppm)	15 ppm
United Kingdom	Local name	2-(2-Butoxyethoxy)ethanol
United Kingdom	WEL TWA (mg/m ³)	67,5 mg/m ³
United Kingdom	WEL TWA (ppm)	10 ppm
United Kingdom	WEL STEL (mg/m ³)	101,2 mg/m ³
United Kingdom	WEL STEL (ppm)	15 ppm

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DNEL/DMEL (additional information)	
See http	//www.dguv.de/ifa/de/gestis/limit_values/index.jsp: Information on ingredients.

2-(2-butoxyethoxy)ethanol (112-34-5)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	20 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	67,5 mg/m ³
Long-term - local effects, inhalation	67,5 mg/m ³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	50,6 mg/m ³
Long-term - systemic effects, inhalation	34 mg/m ³
Long-term - systemic effects, dermal	10 mg/kg bodyweight/day
Long-term - local effects, inhalation	34 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	1 mg/l
PNEC aqua (marine water)	0,1 mg/l
PNEC aqua (intermittent, freshwater)	3,9 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	4 mg/kg dwt
PNEC sediment (marine water)	0,4 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	200 mg/l

Trisodiumorthophosphate (7601-54-9)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, inhalation	4,07 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, inhalation	3,04 mg/m ³

Trisodium nitrilotriacetate (5064-31-3)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	5,25 - 9,6 mg/m ³
Acute - local effects, inhalation	5,25 mg/m ³
Long-term - systemic effects, inhalation	3,2 - 3,5 mg/m ³
Long-term - local effects, inhalation	3,5 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	1,75 - 2,4
Acute - systemic effects, oral	0,9 mg/kg bodyweight
Acute - local effects, inhalation	1,75 mg/m ³
Long-term - systemic effects, oral	0,3 mg/kg bodyweight/day

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Trisodium nitrilotriacetate (5064-31-3)	
Long-term - systemic effects, inhalation	0,5 - 0,8 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0,93 mg/l
PNEC aqua (marine water)	0,093 mg/l
PNEC aqua (intermittent, freshwater)	0,8 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3,64 mg/kg dwt
PNEC sediment (marine water)	0,364 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,182 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	270 - 540 mg/l
Potassium hydroxide (1310-58-3)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	1 mg/m ³

8.2. Exposure controls

Personal protective equipment:

Avoid contact with skin, eyes and clothing. Avoid all unnecessary exposure. Protect eyes, face and skin from liquid splashes. Gloves. Safety glasses.

Hand protection:

Protective gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). By prolonged exposure : Reusable gloves. Short term exposure. If there is a risk of liquid being splashed : Disposable gloves / Reusable gloves. Time of penetration is to be checked with the glove producer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	6 (> 480 minutes)	≥ 0.4 mm		EN 374-3
Disposable gloves / Reusable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	2 (> 30 minutes)	≥ 0.1 mm		EN 374-3

Eye protection:

Wear eye/face protection. Chemical goggles or safety glasses. Standard. EN 166

Skin and body protection:

If repeated skin contact or contamination of clothing is likely, protective clothing should be worn

Respiratory protection:

No special protection required where adequate ventilation is maintained



Other information:

Do not eat, drink or smoke when using this product. The information in this section applies to the undiluted product. 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
Appearance	: clear.
Colour	: Yellow.
Odour	: perfumed.
Odour threshold	: No data available
pH	: 12,5 (20°C)

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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
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,034 g/cm ³ (20°C)
Solubility	: Material highly soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
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

Thermal decomposition generates : Corrosive vapours. 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

Avoid : Strong acids. Aluminium.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

2-(2-butoxyethoxy)ethanol (112-34-5)	
LD50 oral rat	3384 - 6600 mg/kg
LD50 oral	5660 mg/kg bodyweight
LD50 dermal rabbit	2700 mg/kg
LD50 dermal	2764 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 196 mg/l/4h
Trisodiumorthophosphate (7601-54-9)	
LD50 oral rat	2000 - 7400 mg/kg
LD50 oral	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg (OECD 402)
LD50 dermal	> 2000 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 2160 mg/m ³
Trisodium nitrilotriacetate (5064-31-3)	
LD50 oral rat	1450 mg/kg
LD50 dermal rat	> 10000 mg/kg

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Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 12,5 (20°C)
Serious eye damage/irritation	: Causes serious eye irritation pH: 12,5 (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 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
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 Quick Cleaner	
Viscosity, kinematic	< 9,67117988 mm ² /s

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.
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2-(2-butoxyethoxy)ethanol (112-34-5)	
LC50 fish 1	1300 mg/l (96h, Lepomis Macrochirus)
LC50 fish 2	2700 mg/l (96h)
EC50 Daphnia 1	> 100 mg/l (48h)
EC50 other aquatic organisms 1	> 100 mg/l (Algae, EC50, 96h)
EC50 other aquatic organisms 2	> 100 mg/l IC50 algae (72 h) mg/l

Trisodiumorthophosphate (7601-54-9)	
LC50 fish 1	> 100 (96h, Oncorhynchus mykiss, OECD 203)
EC50 Daphnia 1	> 100 (48h, OECD 202)
EC50 other aquatic organisms 1	0
EC50 72h algae (1)	> 100 mg/l (72h, Desmodesmus subspicatus, OECD 201)

Trisodium nitrilotriacetate (5064-31-3)	
LC50 fish 1	98 mg/l (96h, Oncorhynchus mykiss)
LC50 fish 2	312 (96h, Lepomis macrochirus)
LC50 other aquatic organisms 2	> 100 mg/l (Fish, 96h, Dionda nubila)
EC50 Daphnia 1	> 100 mg/l (48h)
EC50 other aquatic organisms 1	> 100 mg/l (Algae, 72h)
EC50 other aquatic organisms 2	780 mg/l (Algae, 96h, Chlorella vulgaris)

12.2. Persistence and degradability

James Quick Cleaner	
Persistence and degradability	Not established. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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12.3. Bioaccumulative potential

James Quick Cleaner	
Bioaccumulative potential	Not established.
2-(2-butoxyethoxy)ethanol (112-34-5)	
Log Pow	0,3 - 4,69
Trisodiumorthophosphate (7601-54-9)	
Log Pow	-7,64

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






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. Wash away remainder with plenty 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
14.1. UN number				
3266	3266	3266	3266	3266
14.2. UN proper shipping name				
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	Corrosive liquid, basic, inorganic, n.o.s.	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Transport document description				
UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Potassium hydroxide(1310-58-3) ; Sodium hydroxide(1310-73-2)), 8, III, (E)	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III	UN 3266 Corrosive liquid, basic, inorganic, n.o.s., 8, III	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III	UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, III
14.3. Transport hazard class(es)				
8	8	8	8	8
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
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

Classification code (ADR)	: C5
Special provisions (ADR)	: 274

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Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP28
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Hazard identification number (Kemler No.)	: 80
Orange plates	:



Tunnel restriction code (ADR)	: E
EAC code	: 2X
APP code	: B

- Transport by sea

Special provisions (IMDG)	: 223, 274
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP28
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: A

- Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 856
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3
ERG code (IATA)	: 8L

- Inland waterway transport

Classification code (ADN)	: C5
Special provisions (ADN)	: 274
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0

- Rail transport

Classification code (RID)	: C5
Special provisions (RID)	: 274
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001

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Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP1, TP28
Tank codes for RID tanks (RID)	: L4BN
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 80

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

Allergenic fragrances > 0,01%:

Hexyl cinnamic aldehyde [(E)-2-benzylideneoctanal] (INCI: HEXYL CINNAMAL) Coumarin (INCI: COUMARIN)
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Detergent Regulation : Labelling of contents:

Component	%
phosphates, NTA (nitrilotriacetic acid) and salts thereof, non-ionic surfactants	<5%
perfumes	
HEXYL CINNAMAL	
COUMARIN	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

Product Safety Assessment accordance regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

Raw materials information section 3.

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

No chemical safety assessment has been carried out

Health hazards

See Section 2 & 3 & 11.

Physical hazards

See Section 2 & 10.

Environmental hazards

See Section 2 & 3 & 12.

SECTION 16: Other information

Abbreviations and acronyms:

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Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

	<p>ABM: Algemene Beoordelings Methodiek (NL) / ADR: Accord Européen relatif au transport international des marchandises dangereuses par route / ALG: Allergen / AQTX: 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: Wassergefährdungsklasse (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</p>
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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.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
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
PROC8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities
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