

Printing date 27.01.2025

Version number 4 (replaces version 3)

Revision: 27.01.2025

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

· 1.1 Product identifier

· Trade name: Extra Kleen Multi Kleen

- · Registration number Mixture
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against

• Product category PC35 Washing and cleaning products (including solvent based products)

- · Application of the substance / the mixture Cleaning agent/ Cleaner
- · Uses advised against

Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).

Any use involving aerosol formation or vapour release in excess of the assigned Workplace Exposure Limit where workers are exposed without suitable Respiratory Protective Equipiment.

Any use involving significant release of aerosol, vapour or dust in the breathing zone of workers where they are exposed without suitable respiratory protective equipment (RPE).

The product is stictly intended for industrial or professional use only.

· 1.3 Details of the supplier of the safety data sheet

• Supplier: Complete Pool Controls Ltd Unit 2, The Park Stoke Orchard Bishops Cleeve Gloucestershire GL52 7RS UK

Tel: +44 (0)1242 662700 (office hours) email: sales@cpc-chemicals.co.uk

· Further information obtainable from: Product safety department.

· 1.4 Emergency telephone number:

OHES Environmental

Tel: 01242 300271 Members of the public seeking specific information on poisons should contact: In England and Wales: NHS 111 - dial 111 In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

\cdot 2.1 Classification of the substance or mixture

· Classification according to GB-CLP

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

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

· 2.2 Label elements

• Labelling according to GB-CLP The product is classified and labelled according to the GB CLP regulation.

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Trade name: Extra Kleen Multi Kleen

· Hazard pictograms



· Signal word Danger

- Hazard-determining components of labelling: Non-ionic surfactant
- Benzyl-C12-14-alkyldimethylammonium chlorides
- · Hazard statements
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face 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.
- P310 Immediately call a POISON CENTER/doctor.
- P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

EUH208 Contains linalool, Eugenol, benzyl salicylate, 4-tert-Butylcyclohexyl acetate. May produce an allergic reaction.

Contains biocidal active substance(s): Benzyl-C12-14-alkyldimethylammonium chlorides

· The Detergents (Amendment) (EU Exit) Regulations 2020 / Labelling for contents	
phosphates, non-ionic surfactants	≥5 - <15%
preservation agents (Benzyl-C12-14-alkyldimethylammonium chlorides), perfumes (LINALOOL, EUGENOL, BENZYL SALICYLATE)	

· 2.3 Other hazards

- \cdot Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- \cdot **Description:** An aqueous solution of the substances listed below with multifunctional additives.

· Dangerous components:		
CAS: 7320-34-5	Tetrapotassium pyrophosphate	2.5 - < 10%
EINECS: 230-785-7	() Eye Irrit. 2, H319	
Reg.nr.: 01-2119489369-18-XXXX		
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CAS: 68439-46-3	Non-ionic surfactant	3 - 10%
EC number: 614-482-0	Eye Dam. 1, H318; Acute Tox. 4, H302	-
CAS: 85409-22-9	Benzyl-C12-14-alkyldimethylammonium chlorides	1-<2.5%
EC number: 939-350-2	Alternative CAS number: 68424-85-1	
Reg.nr.: 01-2119970550-39-XXXX	♦ Skin Corr. 1B, H314; ♦ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ♦ Acute Tox. 4, H302	_
CAS: 78-70-6	linalool	0.1 - < 1%
EINECS: 201-134-4	🚯 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	-
Index number: 603-235-00-2		
Reg.nr.: 01-2119474016-42-XXXX		
CAS: 97-53-0	Eugenol	0.1 - < 1%
EINECS: 202-589-1	() Eye Irrit. 2, H319; Skin Sens. 1, H317	-
Reg.nr.: 01-2119971802-33-XXXX	*	
CAS: 32210-23-4	4-tert-Butylcyclohexyl acetate	0.1 - < 1%
EINECS: 250-954-9	() Skin Sens. 1B, H317	-
Reg.nr.: 01-2119976286-24-XXXX		
• Additional information • For the wo	ording of the listed hazard phrases refer to section 16	

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact:
- Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- · After eye contact:
- Check for and remove any contact lenses.
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing:

Wash mouth out with water

- If symptoms persist consult doctor.
- · Information for doctor: Treat symptomatically and supportively.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- \cdot 5.2 Special hazards arising from the substance or mixture
- In case of fire, the following can be released: Carbon monoxide (CO)



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Chlorine compounds	
Hydrocarbons	
Nitrogen oxides (NOx)	
 5.3 Advice for firefighters 	
· Protective equipment:	
Wear self-contained respiratory protective device.	
Do not inhale explosion gases or combustion gases.	
Wear fully protective suit.	
· Additional information	
Cool endangered receptacles with water spray.	
Collect contaminated fire fighting water separately. It must not enter the sewage system.	
* SECTION 6: Accidental release measures	
· 6.1 Personal precautions, protective equipment and emergency procedures	
Particular danger of slipping on leaked/spilled product.	
Ensure adequate ventilation	

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

• **6.3 Methods and material for containment and cleaning up:** Contain and collect spillage with non-combustible, absorbent material e.g.sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.

Safety showers and eye wash facilities should be available at the work area.

- Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.
- · Information about storage in one common storage facility:
- Do not store together with oxidising and acidic materials.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
- Storage class: 12
- · 7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

·DNELs

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· DNELs		
	0-34-5 Tetrapotassium pyr	
Inhalative	Long-term systemic effects	4.35 mg/m ³ (general population)
		17.63 mg/m ³ (worker)
CAS: 684.	39-46-3 Non-ionic surfacta	
Oral	Long-term systemic effects	25 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	1,250 mg/kg bw/day (general population)
		2,080 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	87 mg/m ³ (general population)
		294 mg/m ³ (worker)
CAS: 854	09-22-9 Benzyl-C12-14-all	kyldimethylammonium chlorides
Dermal	Long-term systemic effects	3.1 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	3.06 mg/m ³ (worker)
CAS: 78-7	70-6 linalool	
Oral	Long-term systemic effects	2.49 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	1.25 mg/kg bw/day (general population)
		3.5 mg/kg bw/day (worker)
	Long-term local effects	1.5 mg/kg bw/day (general population)
	-	3 mg/kg bw/day (worker)
	Short-term local effects	1.5 mg/kg bw/day (general population)
		3 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	
		$24.58 \text{ mg/m}^3 \text{ (worker)}$
CAS: 97-5	53-0 Eugenol	
Oral	Long-term systemic effects	3 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	3 mg/kg bw/day (general population)
		6 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	5.22 mg/m ³ (general population)
		$21.2 \text{ mg/m}^3 \text{ (worker)}$
• PNECs		
	39-46-3 Non-ionic surfacta	nt
Freshwater		103.79 μg/L
		14 μg/L
Marine wa		103.79 µg/L
		1.4 mg/L
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Sediment (freshwater) 13.7 mg/kg Sediment (marine water) 13.7 mg/kg Soil1 mg/kgCAS: 85409-22-9 Benzyl-C12-14-alkyldimethylammonium chloridesFreshwater $120 - 420 \text{ ng/L}$ Freshwater - Intermittent releases 160 ng/L Marine water $12 - 96 \text{ ng/L}$ Marine Water - Intermittent releases $16 - 207 \text{ ng/L}$ Sewage Treatment Plant $160 \mu g/L$ Sediment (freshwater) $31.9 - 68 \text{ mg/kg}$ Soil $1.66 - 6.38 \text{ mg/kg}$ Soil $1.66 - 6.38 \text{ mg/kg}$ Freshwater $200 \mu g/L$ Freshwater $200 \mu g/L$ Freshwater $200 \mu g/L$		
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Marine water $12 - 96 \text{ ng/L}$ Marine Water - Intermittent releases $16 - 207 \text{ ng/L}$ Sewage Treatment Plant $160 \mu g/L$ Sediment (freshwater) $31.9 - 68 \text{ mg/kg}$ Sediment (marine water) $3.19 - 15.75 \text{ mg/kg}$ Soil $1.66 - 6.38 \text{ mg/kg}$ CAS: 78-70-6 linaloolFreshwater $200 \mu g/L$ Freshwater - Intermittent releases 2 mg/L		
Marine Water - Intermittent releases $16 - 207 \text{ ng/L}$ Sewage Treatment Plant $160 \mu g/L$ Sediment (freshwater) $31.9 - 68 \text{ mg/kg}$ Sediment (marine water) $3.19 - 15.75 \text{ mg/kg}$ Soil $1.66 - 6.38 \text{ mg/kg}$ CAS: 78-70-6 linaloolFreshwater $200 \mu g/L$ Freshwater - Intermittent releases 2 mg/L		
Sewage Treatment Plant $160 \ \mu g/L$ Sediment (freshwater) $31.9 - 68 \ mg/kg$ Sediment (marine water) $3.19 - 15.75 \ mg/kg$ Soil $1.66 - 6.38 \ mg/kg$ CAS: 78-70-6 linaloolFreshwater $200 \ \mu g/L$ Freshwater - Intermittent releases $2 \ mg/L$		
Sediment (freshwater) $31.9 - 68 \text{ mg/kg}$ Sediment (marine water) $3.19 - 15.75 \text{ mg/kg}$ Soil $1.66 - 6.38 \text{ mg/kg}$ CAS: 78-70-6 linaloolFreshwater $200 \mu g/L$ Freshwater - Intermittent releases 2 mg/L		
Sediment (marine water) $3.19 - 15.75 \text{ mg/kg}$ Soil $1.66 - 6.38 \text{ mg/kg}$ CAS: 78-70-6 linaloolFreshwater $200 \mu \text{g/L}$ Freshwater - Intermittent releases 2 mg/L		
Soil 1.66 – 6.38 mg/kg CAS: 78-70-6 linalool Freshwater 200 µg/L Freshwater - Intermittent releases 2 mg/L		
CAS: 78-70-6 linalool Freshwater 200 µg/L Freshwater - Intermittent releases 2 mg/L		
Freshwater200 µg/LFreshwater - Intermittent releases2 mg/L		
Freshwater - Intermittent releases 2 mg/L		
C		
Marine water 20 µg/L		
Sewage Treatment Plant 10 mg/L		
Sediment (freshwater) 2.22 mg/kg		
Sediment (marine water) 222 µg/kg		
Soil 327 µg/kg		
Secondary poisoning 7.8 mg/kg food		
CAS: 97-53-0 Eugenol		
Freshwater 201.5 µg/L		
Freshwater - Intermittent releases 11.3 µg/L		
Marine water 20.15 µg/L		
Sediment (freshwater) 14.488 mg/kg		
Sediment (marine water) 1.449 mg/kg		
Soil 15.5 µg/kg		
CAS: 32210-23-4 4-tert-Butylcyclohexyl acetate		
Freshwater 5.3 µg/L		
Freshwater - Intermittent releases 53 µg/L		
Marine water 530 ng/L		
Sewage Treatment Plant 12.2 mg/L		
Sediment (freshwater) 2.01 mg/kg		
Sediment (marine water) 210 µg/kg		
Soil 420 µg/kg		
Secondary poisoning 66.67 mg/kg food		

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

• Appropriate engineering controls No further data; see section 7.



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· Individual protection measures, such as personal protective equipment

- General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
- Avoid contact with the eyes and skin.
- Do not eat, drink, smoke or sniff while working.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.

Ensure that eyewash stations and safety showers are close to the workstation location.

- Do not carry product impregnated cleaning cloths in trouser pockets.
- Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed.
- · Hand protection



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation • Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. • Eye/face protection



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

· Body protection:



Protective work clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

- · Environmental exposure controls Do not allow to enter drains, sewers or watercourses.
- · Risk management measures The operators shall be instructed adequately.

 9.1 Information on basic physical and chemical properties General Information 		
· Physical state	Liquid	
· Colour:	Green	
· Odour:	Pleasant	
· Odour threshold:	Not determined.	
• Melting point/freezing point:	Undetermined.	
· Boiling point or initial boiling point and boiling range Undetermined.		

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Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Decomposition temperature:	Not determined.
pH at 20 °C	9.5
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa (CAS: 7732-18-5 Water)
Density and/or relative density	1.02 -/3
Density at 20 °C:	1.03 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Liquid
Important information on protection of health a	
environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	i roddet does not present an explosion nazard.
	0.00~%
VOC (EC)	0.00 %
Change in condition	Net let me in al
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable ga	
in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
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· Desensitised explosives

Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid Heat and static discharge.
- · 10.5 Incompatible materials: Strong acids and oxidising agents
- · 10.6 Hazardous decomposition products:
- Carbon monoxide and carbon dioxide
- Chlorine compounds
- Hydrocarbons

Nitrogen oxides (NOx)

SECTION 11: Toxicological information

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

• Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:			
ATE (Acu	ute Toxicit	y Estimates)	
Oral	LD50	4,644.5 mg/kg	
CAS: 732	0-34-5 Tet	rapotassium pyrophosphate	
Oral	LD50	> 2,000 mg/kg (mouse)	
Dermal	LD50	> 2,000 mg/kg (rabbit)	
CAS: 684	CAS: 68439-46-3 Non-ionic surfactant		
Oral	LD50	316.84 mg/kg (rat)	
Dermal	LD50	> 2,000 mg/kg (rat)	
Inhalative	LC50/4 h	> 5,000 mg/l (rat)	
CAS: 854	09-22-9 Be	enzyl-C12-14-alkyldimethylammonium chlorides	
Oral	LD50	400 mg/kg (rat)	
CAS: 78-	70-6 linalo	ol	
Oral	LD50	> 2,000 mg/kg (rat)	
Dermal	LD50	> 5,000 mg/kg (rabbit)	
CAS: 97-	CAS: 97-53-0 Eugenol		
Oral	LD50	> 2,000 mg/kg (rat)	
CAS: 322	10-23-4 4-	tert-Butylcyclohexyl acetate	
Oral	LD50	> 2,000 mg/kg (rat)	
Dermal	LD50	> 2,000 mg/kg (rabbit)	
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· Primary irritant effect:

 \cdot Skin corrosion/irritation

Causes skin irritation.

· Serious eye damage/irritation Causes serious eye damage.

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

• Germ cell mutagenicity Based on available data, the classification criteria are not met.

• Carcinogenicity Based on available data, the classification criteria are not met.

• Reproductive toxicity Based on available data, the classification criteria are not met.

• STOT-single exposure Based on available data, the classification criteria are not met.

• STOT-repeated exposure Based on available data, the classification criteria are not met.

· Aspiration hazard Based on available data, the classification criteria are not met.

· Subacute to chronic toxicity: Prolonged or repeated skin contact may irritate and cause dermatitis.

· Additional toxicological information: Repeated or prolonged skin contact may induce sensitisation.

· 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients are listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

CAS: 7320-34-5 Tetrapotassium pyrophosphate

EC50 (96 h) > 100 mg/l (Bacteria)

CAS: 78-70-6 linalool

EC50 (96 h) 59 mg/l (Bacteria)

CAS: 32210-23-4 4-tert-Butylcyclohexyl acetate

EC50 (96 h) 5.3 mg/l (Bacteria)

• 12.2 Persistence and degradability The organic portion of the product is biodegradable.

• 12.3 Bioaccumulative potential Contains components with the potential to bioaccumulate.

• 12.4 Mobility in soil No further relevant information available.

· 12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

• **vPvB**: Not applicable.

• 12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.

· 12.7 Other adverse effects

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Recommended Hierarchy of Controls:



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- Reuse if not contaminated;

- Recycle, if possible; or

- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

· Uncleaned packaging:

· Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

• Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information	
· 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA	Not applicable
 · 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA 	Not applicable
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN, ADN, IMDG, IATA · Class	Not applicable
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IM instruments	O Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

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

· Poisons Act

- · Regulated explosives precursors
- None of the ingredients are listed.

· Regulated poisons

None of the ingredients are listed.

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· Reportable explosives precursors

None of the ingredients are listed.

· Reportable poisons

None of the ingredients are listed.

· Control Of Major Accident Hazards Regulations 2015 (COMAH)

· Named dangerous substances - ANNEX I None of the ingredients are listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

H302 Harmful if swallowed.

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.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· Training hints

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

· Department issuing SDS: Product safety department.

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- DNEL: Derived No-Effect Level (UK REACH)
- PNEC: Predicted No-Effect Concentration (UK REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- ATE: Acute toxicity estimate values Acute Tox. 4: Acute toxicity – Category 4
- Skin Corr. 1B: Skin corrosion/irritation Category 1B
- Skin Irrit. 2: Skin corrosion/irritation Category 2
- Eye Dam. 1: Serious eye damage/eye irritation Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation Category 2
- Skin Sens. 1: Skin sensitisation Category 1
- Skin Sens. 1B: Skin sensitisation Category 1B
- Aquatic Acute 1: Hazardous to the aquatic environment acute aquatic hazard Category 1



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Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • * **Data compared to the previous version altered.**