



SAFETY DATA SHEET

Caretex Professional Powder P - Detergent Plus

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name	Caretex Professional Powder P - Detergent Plus
Product number	8036/22253
UFI	UFI: YCJ5-R7QE-A00X-P817

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

Identified uses	Detergent. Cleaning agent.
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1.3. Details of the supplier of the safety data sheet

Supplier	Cole & Wilson Rutland Street Bradford BD4 7EA Tel: 01274 393286 Fax: 01274 309143 info@colewilson.co.uk
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1.4. Emergency telephone number

Emergency telephone	Tel: 01274 393286, Fax: 01274 309143 (8.30am-5pm Monday to Friday)
National emergency telephone number	NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Met. Corr. 1 - H290
Health hazards	Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335
Environmental hazards	Not Classified

2.2. Label elements

Hazard pictograms



Signal word: Danger

Hazard statements:
 H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H335 May cause respiratory irritation.

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Precautionary statements	<p>P261 Avoid breathing vapour/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p>
Contains	disodium metasilicate, Sodium Percarbonate Peroxyhydrate
Detergent labelling	15 - < 30% phosphates, 5 - < 15% oxygen-based bleaching agents, < 5% enzymes, < 5% non-ionic surfactants, < 5% optical brighteners, < 5% perfumes, < 5% phosphonates, < 5% polycarboxylates, < 5% soap
Supplementary precautionary statements	<p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DISODIUM METASILICATE 30-50% CAS number: 6834-92-0 EC number: 229-912-9
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 STOT SE 3 - H335
Sodium Chloride 10-15% CAS number: 7647-14-5 EC number: 231-598-3
Classification Not Classified
Sodium Percarbonate Peroxyhydrate 10-15% CAS number: 15630-89-4 EC number: 239-707-6
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318

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Aliphatic alcohol, ethoxylated, propoxylated	<1%
CAS number: 68551-13-3	EC number: 614-582-4
M factor (Acute) = 1	
Classification Skin Irrit. 2 - H315 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	
Titanium Dioxide	<1%
CAS number: 13463-67-7	EC number: 236-675-5
Classification Not Classified	
subtilisin	<1%
CAS number: 9014-01-1	EC number: 232-752-2
M factor (Acute) = 1	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	
Diethyl phthalate	<1%
CAS number: 84-66-2	EC number: 201-550-6
Classification Not Classified	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention promptly if symptoms occur after washing. Chemical burns must be treated by a physician.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

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General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Severe irritation of nose and throat. Burns to mucous membranes
Ingestion	May cause chemical burns in mouth and throat. May cause stomach pain or vomiting. Diarrhoea.
Skin contact	This product is corrosive. May cause serious chemical burns to the skin.
Eye contact	This product is corrosive. Severe irritation, burning and tearing. May cause blurred vision and serious eye damage. Corneal damage.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust.
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6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Sweep up and shovel material into clean, dry container and cover. Provide adequate ventilation. Neutralise with dilute acid where possible Wash thoroughly after dealing with a spillage. Inform authorities if large amounts are involved.
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6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Avoid contact with skin and eyes. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation.
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Advice on general occupational hygiene	Do not eat, drink or smoke when using this product.
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7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Non-combustible corrosive substances 8B

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

DISODIUM METASILICATE

Short-term exposure limit (15-minute): 2 mg/m³

Sodium Chloride

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ total inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

Titanium Dioxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

subtilisin

Long-term exposure limit (8-hour TWA): WEL 0.00004 mg/m³

Sen

Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL 10 mg/m³

WEL = Workplace Exposure Limit.

Sen = Capable of causing occupational asthma.

PENTASODIUM TRIPHOSPHATE (CAS: 7758-29-4)

DNEL

Workers - Dermal; Short term systemic effects: 0.375 mg/kg bw/day
 Workers - Inhalation; Short term systemic effects: 0.661 mg/m³
 Workers - Dermal; Long term systemic effects: 0.375 mg/kg bw/day
 Workers - Inhalation; Long term systemic effects: 0.661 mg/l
 General population - Dermal; Short term systemic effects: 0.375 mg/kg dw
 General population - Inhalation; Short term systemic effects: 0.66 mg/kg bw/day
 General population - Oral; Short term systemic effects: 0.75 mg/kg dw
 General population - Oral; Long term systemic effects: 0.75 mg/kg bw/day
 General population - Inhalation; Long term systemic effects: 0.661 mg/m³
 General population - Dermal; Long term systemic effects: 0.375 mg/kg bw/day

PNEC

- Fresh water; 0.005 mg/l
 - marine water; 0.005 mg/l
 - Intermittent release, Fresh water; 0.05 mg/l
 - Sediment (Freshwater); 0.19 mg/kg
 - Soil; 0.14 mg/kg

Sodium Chloride (CAS: 7647-14-5)

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DNEL

Workers - Dermal; Short term systemic effects: 295.52 mg/kg/day
 Workers - Inhalation; Short term systemic effects: 2068.62 mg/m³
 Workers - Dermal; Long term systemic effects: 295.52 mg/kg/day
 Workers - Inhalation; Long term systemic effects: 2068.62 mg/m³
 General population - Dermal; Short term systemic effects: 126.65 mg/kg/day
 General population - Inhalation; Short term systemic effects: 443.28 mg/m³
 General population - Oral; Short term systemic effects: 126.65 mg/kg/day
 General population - Oral; Long term systemic effects: 126.65 mg/kg/day
 General population - Inhalation; Long term systemic effects: 443.28 mg/m³
 General population - Dermal; Long term systemic effects: 126.65 mg/kg/day

PNEC

Fresh water; 5 mg/l
 Soil; 4.86 mg/kg
 STP; 500 mg/l

[Sodium Percarbonate Peroxyhydrate \(CAS: 15630-89-4\)](#)

DNEL

Industry - Inhalation; Long term local effects: 5 mg/m³
 Industry - Dermal; Long term local effects: 12.8 mg/cm³
 Industry - Dermal; Long term local effects: 12.8
 Consumer - Dermal; Short term local effects: 6.4 mg/cm³
 Consumer - Dermal; Long term local effects: 6.4 mg/cm³

PNEC

- Fresh water; 0.035 mg/l
 - marine water; 0.035 mg/l
 - Water, Intermittent release; 0.035 mg/l
 - STP; 16.24 mg/l

[Distyryl Biphenyl Derivative \(CAS: 27344-41-8\)](#)

DNEL

Workers - Dermal; Long term systemic effects: 53 mg/kg
 Consumer - Dermal; Long term systemic effects: 19 mg/kg
 Consumer - Oral; Long term systemic effects: 1.9 mg/kg
 Workers - Inhalation; Long term systemic effects: 20.5 mg/m³

PNEC

Fresh water; 0.0625 mg/l
 marine water; 0.00625 mg/l
 Intermittent release; 0.1028 mg/l
 STP; 100 mg/l
 Sediment (Freshwater); 198000 mg/kg
 Sediment (Marinewater); 19800 mg/kg
 Soil; 1 mg/kg

[subtilisin \(CAS: 9014-01-1\)](#)

DNEL

Workers - Inhalation; Long term systemic effects: 0.00006 mg/m³
 Workers - Inhalation; Long term local effects: 0.00006 mg/m³
 Consumer - Inhalation; Long term systemic effects: 0.000015 mg/m³
 Consumer - Oral; Long term systemic effects: 1.8 mg/kg
 Consumer - Oral; Short term systemic effects: 3.6 mg/kg

PNEC

Fresh water; 0.0017 mg/l
 marine water; 0.00017 mg/l
 STP; 65000 µg/l
 Intermittent release; 0.0009 mg/l
 Soil; 0.568 mg/kg

[a-hexylcinnamaldehyde \(CAS: 101-86-0\)](#)

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DNEL	<p>Workers - Inhalation; Long term systemic effects: 0.078 mg/m³</p> <p>Workers - Inhalation; Short term local effects: 6.28 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 18.2 mg/kg bw/day</p> <p>Workers - Dermal; Long term local effects: 0.525 mg/cm²</p> <p>Consumer - Inhalation; Long term systemic effects: 0.019 mg/m³</p> <p>Consumer - Inhalation; Short term local effects: 4.71 mg/m³</p> <p>Consumer - Dermal; Long term systemic effects: 9.11 mg/kg bw/day</p> <p>Consumer - Dermal; Long term local effects: 0.0787 mg/cm²</p> <p>Consumer - Dermal; Short term local effects: 0.0787 mg/cm²</p> <p>Consumer - Oral; Long term systemic effects: 0.056 mg/kg bw/day</p>
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PNEC	<p>Fresh water; 0.00126 mg/l</p> <p>marine water; 0.000126 mg/l</p> <p>STP; 10 mg/l</p> <p>Sediment (Freshwater); 3.2 mg/kg dwt</p> <p>Sediment (Marinewater); 0.064 mg/kg dwt</p> <p>Soil; 9.51 mg/kg dwt</p>
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Tetrahydro Linalool (CAS: 78-69-3)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 2.75 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 2.5 mg/kg bw/day</p> <p>Workers - Dermal; Short term local effects: 2.76 mg/cm²</p> <p>Consumer - Inhalation; Long term systemic effects: 0.68 mg/m³</p> <p>Consumer - Oral; Long term systemic effects: 0.2 mg/kg bw/day</p> <p>Consumer - Dermal; Long term systemic effects: 1.25 mg/kg bw/day</p> <p>Consumer - Dermal; Short term local effects: 2.76 mg/cm²</p>
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PNEC	<p>Fresh water; 0.0089 mg/l</p> <p>marine water; 0.00089 mg/l</p> <p>STP; 450 mg/l</p> <p>Sediment (Freshwater); 0.0821 mg/kg</p> <p>Sediment (Marinewater); 0.00821 mg/kg</p> <p>Soil; 0.0112 mg/kg</p>
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GERANIOL (CAS: 106-24-1)

DNEL	<p>Workers - Inhalation; Long term systemic effects: 161.6 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 12.5 mg/kg</p> <p>Consumer - Oral; Long term systemic effects: 13.75 mg/kg</p> <p>Consumer - Inhalation; Long term systemic effects: 47.8 mg/m³</p> <p>Consumer - Dermal; Long term systemic effects: 7.5 mg/kg</p>
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8.2. Exposure controls

Protective equipment



Appropriate engineering controls Ensure good ventilation. Do not use in confined spaces. Do not breathe dust.

Eye/face protection Wear tight-fitting, chemical splash goggles or face shield.

Hand protection Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Other skin and body protection Provide eyewash station and safety shower. Impervious footwear must be worn. Wear suitable protective clothing (EN 14605). Long sleeved protective clothing

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Hygiene measures	Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	Particulate filter, type P2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Granules.
Colour	White/off-white.
Odour	Perfume.
pH	pH (diluted solution): 11.5-12.5 1%
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not determined.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The following materials may react with the product: Acids. Strong oxidising agents. Strong reducing agents. May be corrosive to metals.
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10.2. Chemical stability

Stability	Avoid contact with acids.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
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10.4. Conditions to avoid

Conditions to avoid	Avoid contact with the following materials: Acids. Oxidising agents. Reducing agents.
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10.5. Incompatible materials

Materials to avoid	Strong acids. May be corrosive to metals.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD ₅₀)	Based on available data the classification criteria are not met.
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ATE oral (mg/kg)	10,340.0
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Acute toxicity - dermal

Notes (dermal LD ₅₀)	Based on available data the classification criteria are not met.
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Acute toxicity - inhalation

Notes (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
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Skin corrosion/irritation

Skin corrosion/irritation	Causes severe skin burns & eye damage
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Serious eye damage/irritation

Serious eye damage/irritation	Corrosivity to eyes is assumed.
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Respiratory sensitisation

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Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	
Skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - repeated exposure	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	
Aspiration hazard	Based on available data the classification criteria are not met.
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	This product is strongly corrosive. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	This product is strongly corrosive. Swallowing concentrated chemical may cause severe internal injury. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	This product is strongly corrosive. May cause serious chemical burns to the skin.
Eye contact	This product is strongly corrosive. Dust or splashes from the mixture may cause permanent eye damage.
Acute and chronic health hazards	This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. EYE CONTACT: Causes - severe irritation and burns, possibly leading to permanent damage. Requires immediate medical attention. SKIN CONTACT: severe burns. INGESTION: burns to mouth and throat. Will attack tissue in the digestive system. ACUTE AND CHRONIC HEALTH EFFECTS: May cause chemical eye burns. Contact with concentrated chemical may cause severe skin damage. Swallowing concentrated chemical may cause severe internal injury.
Route of exposure	Skin and/or eye contact Inhalation Ingestion.

Toxicological information on ingredients.

DISODIUM METASILICATE

Reproductive toxicity

Reproductive toxicity - fertility - NOAEL >159 mg/kg/day, , Rat

Reproductive toxicity - development Developmental toxicity: - NOAEL: >200 mg/kg/day, , Mouse

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 227 mg/kg/day, Oral, Rat NOAEL 260 mg/kg/day, Oral, Mouse

PENTASODIUM TRIPHOSPHATE

Acute toxicity - oral

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Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 4,641.0

Species Rabbit

ATE dermal (mg/kg) 4,641.0

Sodium Chloride

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,500.0

Species Rat

ATE oral (mg/kg) 3,500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 10,001.0

Species Rat

ATE dermal (mg/kg) 10,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
dust/mist mg/l) 43.0

Species Rat

ATE inhalation (dusts/mists
mg/l) 43.0

Sodium Percarbonate Peroxyhydrate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,034.0

Species Rat

ATE oral (mg/kg) 1,034.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
dust/mist mg/l) 1,200.0

Species Rat

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ATE inhalation (dusts/mists
mg/l) 1,200.0

Carboxymethyl Cellulose

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
dust/mist mg/l) 5.6

Species Rat

ATE inhalation (dusts/mists
mg/l) 5.6

Acrylic acid and maleic acid anydride, copolymer, sodium salts

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rat

ATE dermal (mg/kg) 5,001.0

Aliphatic alcohol, ethoxylated, propoxylated

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

Soap

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,001.0

Species Rat

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ATE oral (mg/kg) 2,001.0

Distyryl Biphenyl Derivative

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 3.9

Species Rat

2,6-Dimethyl-7-octen-2-ol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,600.0

Species Rat

ATE oral (mg/kg) 3,600.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,001.0

Species Rabbit

Titanium Dioxide

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

4-tertiary-butyl-cyclohexyl-acetate

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,370.0

Species Rat

ATE oral (mg/kg) 3,370.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

subtilisin

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Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 1,800.0

Species Rat

ATE oral (mg/kg) 1,800.0

d-LIMONENE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 4,400.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

a-hexylcinnamaldehyde

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,100.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 3,001.0

Species Rabbit

ATE dermal (mg/kg) 3,001.0

Disodium maleate

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Linalool

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,790.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,000.0

Species Rabbit

Allyl Amyl Glycolate

Acute toxicity - oral

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Acute toxicity oral (LD₅₀
mg/kg) 302.0

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 1,105.0

ATE dermal (mg/kg) 1,100.0

Tetrahydro Linalool

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Reproductive toxicity

Reproductive toxicity - fertility Fertility - NOAEL 887-1024 mg/kg body weight, Oral, Rat - NOAEL 338-361 mg/kg body weight, Oral, Rat F1 - NOAEL 278-345 mg/kg body weight, Oral, Rat F0

Reproductive toxicity - development Maternal toxicity: - NOAEL: 150 mg/kg body weight, Oral, Rabbit Developmental toxicity: - NOAEL: 500 mg/kg body weight, Oral, Rabbit

Alpha-IsoMethyl Ionone

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rabbit

Reproductive toxicity

Reproductive toxicity - fertility Fertility - NOAEL 500 mg/kg body weight, Oral, Rat

Reproductive toxicity - development Developmental toxicity: - NOAEL: >30 mg/kg body weight, Oral, Rat Maternal toxicity: - NOAEL: >30 mg/kg body weight, Oral, Rat

Eucalyptol

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,480.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

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Species Rabbit

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 3,900.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,000.0

Species Rabbit

ATE dermal (mg/kg) 5,000.0

Camphor

Acute toxicity - inhalation

ATE inhalation (dusts/mists
mg/l) 1.5

Diethyl phthalate

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 5,592.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 11,182.0

Species Rabbit

CITRAL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 6,800.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,001.0

Species Rabbit

Dodecanal

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 23,101.0

Species Rat

ATE oral (mg/kg) 23,101.0

GERANIOL

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Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 3,600.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,001.0

Species Rabbit

DAMASCONE (DELTA)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,400.0

Species Mouse

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,001.0

Species Rabbit

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 30 mg/kg, Oral, Rat

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

Ecological information on ingredients.

DISODIUM METASILICATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 124 (24h - Brachydanio rerio) mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 300 (24h) mg/l, Daphnia magna

PENTASODIUM TRIPHOSPHATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, : >1850 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants ErC50, : 160 mg/l, Algae

Chronic aquatic toxicity

Chronic toxicity - fish early life stage LOEC, 96 hours: 5 mg/l, Fish

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Sodium Chloride

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 6750 mg/l, Fish LC ₅₀ , 96 hours: 5840 mg/l, Lepomis macrochirus (Bluegill) LC ₅₀ , 96 hours: 10610 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 7 days: 4000 mg/l, Pimephales promelas (Fat-head Minnow)
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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2024-4136 mg/l, Daphnia magna
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Acute toxicity - aquatic plants	IC ₅₀ , 72 hours: 3014 mg/l, Algae
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Acute toxicity - microorganisms	IC ₅₀ , : > 1000 mg/l, Activated sludge
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Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates	LOEC, 21 days: 441 mg/l, Freshwater invertebrates NOEC, 21 days: 314 mg/l, Freshwater invertebrates
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Sodium Percarbonate Peroxyhydrate

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 70.7 mg/l, Fish
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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 4.9 mg/l, Daphnia magna
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Carboxymethyl Cellulose

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: >21000 mg/l, Oncorhynchus mykiss (Rainbow trout)
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Acrylic acid and maleic acid anhydride, copolymer, sodium salts

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: >100 mg/l, Leuciscus idus (Golden orfe)
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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >100 mg/l, Daphnia magna
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Acute toxicity - aquatic plants	EC ₅₀ , 96 hours: >100 mg/l,
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Acute toxicity - microorganisms	EC ₁₀ , 18 hours: 180 mg/l, Activated sludge
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Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 42 days: 100 mg/l, Brachydanio rerio (Zebra Fish)
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Chronic toxicity - aquatic invertebrates	NOEC, 21 days: >1 mg/l, Daphnia magna
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Aliphatic alcohol, ethoxylated, propoxylated

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
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M factor (Acute)	1
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Acute toxicity - fish	LC ₅₀ , 96 hours: 1-10 mg/l, Leuciscus idus (Golden orfe)
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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 1 mg/l,
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Acute toxicity - aquatic plants EC₅₀, 72 hours: 0.1-1 mg/l, Scenedesmus subspicatus
EC₁₀, 72 hours: > 0.1 - < 1 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms NOEC, 72 hours: 0.063 mg/l, Scenedesmus subspicatus

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.25 mg/l, Daphnia magna

Soap

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Carassius auratus (Goldfish)

Distyryl Biphenyl Derivative

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >10 - <100 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >10 - <1000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC₅₀, 4 hours: >1000 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 21 days: >1 mg/l, Daphnia magna

subtilisin

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 8.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.09 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 0.290 mg/l, Pseudokirchneriella subcapitata
EC₁₀, 72 hours: 0.041 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

Chronic toxicity - fish early life stage EC₁₀, 32 days: 0.017 mg/l, Pimephales promelas (Fat-head Minnow)

Chronic toxicity - aquatic invertebrates EC₁₀, 21 days: 0.145 mg/l, Daphnia magna

d-LIMONENE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 0.7 mg/l, Pimephales promelas (Fat-head Minnow)
LC₅₀, 96 hours: 0.8 mg/l, Fish

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Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.4 mg/l, Daphnia magna EC ₅₀ , 48 hours: 69.6 mg/l, Daphnia
Acute toxicity - aquatic plants	NOEC, 96 hours: 4 mg/l, ErC50, 72 hours: 8 mg/l, Desmodemus subspicatus NOEC, 72 hours: 2.62 mg/l, Desmodemus subspicatus

Chronic aquatic toxicity

M factor (Chronic)	1
Chronic toxicity - aquatic invertebrates	NOEC, 16 days: estimated 0.115 mg/l, Daphnia magna

a-hexylcinnamaldehyde

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hours: 1.7 mg/l, Fish LC ₅₀ , 96 hours: 3.1 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 3.86 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 6.87 mg/l, Pseudokirchneriella subcapitata

Cedr-8-enyl Methyl Ketone (Acetyl Cedrene)

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

Allyl Amyl Glycolate

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute aquatic toxicity

Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 76 mg/l, Daphnia
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Oxacyclohexadecen-2-one

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

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Acute aquatic toxicity

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Acute toxicity - fish	LC ₅₀ , 96 hours: 14 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 10.8 mg/l, Daphnia
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 13.1 mg/l, Algae

DAMASCONE (DELTA)

Acute aquatic toxicity	
LE(C) ₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hours: 0.97 mg/l, Oryzias latipes (Red killifish)
Acute toxicity - aquatic plants	ErC50, 72 hours: 4.54 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 0.883 mg/l, Pseudokirchneriella subcapitata
Chronic aquatic toxicity	
M factor (Chronic)	1

12.2. Persistence and degradability

Persistence and degradability	The product contains mainly inorganic substances which are not biodegradable. The methods for determining biodegradability are not applicable to inorganic substances. The other substances in the product are expected to be readily biodegradable.
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Ecological information on ingredients.

	Acrylic acid and maleic acid anhydride, copolymer, sodium salts
Biodegradation	OECD 303A - Degradation >90%:
Chemical oxygen demand	~ 850 mg/g
	Distyryl Biphenyl Derivative
Chemical oxygen demand	1507 mg/g
	4-tertiary-butyl-cyclohexyl-acetate
Persistence and degradability	Readily biodegradable.
Biodegradation	- Degradation 75%:
	subtilisin
Persistence and degradability	Readily biodegradable.
	d-LIMONENE
Persistence and degradability	Not readily biodegradable.
	α-hexylcinnamaldehyde
Persistence and degradability	Readily biodegradable.
Biodegradation	- 97%: 28 days
	Tetrahydro Linalool
Persistence and degradability	Readily biodegradable.

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Biodegradation OECD 301F - Degradation 60%: 28 days
Alpha-IsoMethyl Ionone

Biodegradation - Degradation 42.51%: 28 days
GERANIOL

Persistence and degradability Readily biodegradable.

Biodegradation - 82%: 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

Sodium Chloride

Partition coefficient log Pow: -3

subtilisin

Bioaccumulative potential The product is not bioaccumulating.

d-LIMONENE

Partition coefficient log Kow: 2.78-5.03

a-hexylcinnamaldehyde

Partition coefficient log Pow: 5.3

Tetrahydro Linalool

Bioaccumulative potential BCF: 99.87,

Partition coefficient log Pow: 3.3

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Partition coefficient log Pow: 2.34

GERANIOL

Partition coefficient log Pow: 2.6

DAMASCONE (DELTA)

Partition coefficient log Pow: 4.2

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

Sodium Chloride

Mobility Soluble in water.

subtilisin

Caretex Professional Powder P - Detergent Plus

Mobility Not applicable.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

Sodium Chloride

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

subtilisin

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

subtilisin

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

EURAL Code

SECTION 14: Transport information

Road transport notes TREM CARD: A3

14.1. UN number

UN No. (ADR/RID) 3253

14.2. UN proper shipping name

Proper shipping name (ADR/RID) DISODIUM TRIOXOSILICATE mixture

Proper shipping name (IMDG) DISODIUM TRIOXOSILICATE mixture

Proper shipping name (ICAO) DISODIUM TRIOXOSILICATE mixture

Proper shipping name (ADN) DISODIUM TRIOXOSILICATE mixture

14.3. Transport hazard class(es)

ADR/RID class 8

Transport labels



14.4. Packing group

ADR/RID packing group III

14.5. Environmental hazards

Caretex Professional Powder P - Detergent Plus

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

No information available.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

the IBC Code

SECTION 15: Regulatory information

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

Drug Precursors Regulation
(273/2004)

Danish product registration
number

Danish national regulations

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used
in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC50: Lethal Concentration to 50 % of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC₅₀: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Revision comments

Revision is due to change of UFI number Revision is due to general MSDS review

Revision date

22/03/2024

Revision

5

Supersedes date

09/07/2021

SDS number

8036/22253

Caretex Professional Powder P - Detergent Plus

Hazard statements in full

H272 May intensify fire; oxidiser.
H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.