SAFETY DATA SHEET

Caretex Professional Powder P - Detergent Plus

Commission Regulation (EU) No 2015/830 of 28 May 2015. According to Regulation (EC) No 1907/2006, Annex II, 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

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

Identified uses	Detergent. Cleaning agent.

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

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

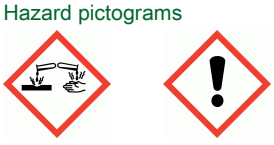
2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

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.

Caretex Professional Powder P - Detergent Plus

Precautionary statements	P280 Wear protective gloves/ protective clothing/ eye protection/ face 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 or shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/ container in accordance with national regulations.
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	P260 Do not breathe vapour/ spray. P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P310 Immediately call a POISON CENTER/ doctor. P312 Call a POISON CENTRE/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P363 Wash contaminated clothing before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DISODIUM METASILICATE 30-50%

CAS number: 6834-92-0 EC number: 229-912-9 REACH registration number: 01-2119449811-37-XXXX

Classification
Skin Corr. 1B - H314
Eye Dam. 1 - H318
STOT SE 3 - H335

Sodium Percarbonate Peroxyhydrate 10-15%

CAS number: 15630-89-4 EC number: 239-707-6 REACH registration number: 01-2119457268-30-XXXX

Classification
Ox. Sol. 2 - H272
Acute Tox. 4 - H302
Eye Dam. 1 - H318

Aliphatic alcohol, ethoxylated, propoxylated 1-3%

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 2 - H411

Caretex Professional Powder P - Detergent Plus

SUBTILISIN <1%

CAS number: 9014-01-1 EC number: 232-752-2

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Resp. Sens. 1 - H334
STOT SE 3 - H335

d-LIMONENE 0.00687

CAS number: 5989-27-5 EC number: 227-813-5 REACH registration number: 01-2119529223-47-XXXX

M factor (Acute) = 1 M factor (Chronic) = 1

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

HEXYL CINNAMAL 0.00684

CAS number: 101-86-0 EC number: 202-983-3

M factor (Acute) = 1

Classification
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

Butylphenyl Methylpropional 0.0048

CAS number: 80-54-6 EC number: 201-289-8

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Repr. 2 - H361
Aquatic Chronic 2 - H411

Linalool 0.0042

CAS number: 78-70-6 EC number: 201-134-4 REACH registration number: 01-2119474016-42-0000

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

Caretex Professional Powder P - Detergent Plus

Alpha-IsoMethyl Ionone	0.00168
CAS number: 127-51-5	
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	

CITRAL		0.00066
CAS number: 5392-40-5	EC number: 226-394-6	REACH registration number: 01-2119462829-23-0000
Classification Skin Irrit. 2 - H315 Skin Sens. 1 - H317		

GERANIOL		0.00036
CAS number: 106-24-1	EC number: 203-377-1	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317		

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Get medical attention if any discomfort continues. Move affected person to fresh air at once.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. DO NOT induce vomiting. Get medical attention immediately. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available.
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

Inhalation	Severe irritation of nose and throat.
Ingestion	May cause chemical burns in mouth and throat.
Skin contact	Burns can occur.
Eye contact	Severe irritation, burning and tearing. Corneal damage.

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

Notes for the doctor	Treat symptomatically. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Caretex Professional Powder P - Detergent Plus

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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.

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.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Provide adequate ventilation. Do not touch or walk into spilled material. Neutralise with dilute acid where possible

6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid spilling. Avoid contact with skin and eyes. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

7.2. Conditions for safe storage, including any incompatibilities

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

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

SUBTILISIN

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

Sen

WEL = Workplace Exposure Limit
Sen = Capable of causing occupational asthma.

PENTASODIUM TRIPHOSPHATE (CAS: 7758-29-4)

Caretex Professional Powder P - Detergent Plus

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 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

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station and safety shower.
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	Use Dust Masks to BS2091 Type B or equivalent. 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): 11.8-12.8 1%
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not determined.

Caretex Professional Powder P - Detergent Plus

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The following materials may react with the product: Acids. Strong oxidising agents. Strong reducing agents.

10.2. Chemical stability

Stability	Avoid the following conditions: Avoid contact with acids.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not determined. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid	Avoid contact with the following materials: Oxidising agents. Reducing agents. Avoid contact with acids.

10.5. Incompatible materials

Materials to avoid	Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	10,340.0

Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	May cause chemical burns in mouth, oesophagus and stomach. Swallowing concentrated chemical may cause severe internal injury.
Skin contact	Causes severe burns.
Eye contact	This product is strongly corrosive. Causes severe skin burns and eye damage. Immediate first aid is imperative.
Acute and chronic health hazards	This product is corrosive. EYE CONTACT: Causes - severe irritation and burns, possibly leading to permanent damage. Requires immediate medical attention. SKIN CONTACT: severe burns. INHALATION: Corrosive, exposure can injure throat and lungs. INGESTION: burns to mouth and throat. Will attack tissue in the digestive system. ACUTE AND CHRONIC HEALTH EFFECTS: EYES, NOSE AND MOUTH. Will cause chemical eye burns. SKIN. Contact with concentrated chemical will cause severe skin damage. DIGESTIVE AND INTERNAL SYSTEM. Swallowing concentrated chemical will cause severe internal injury.

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

Aliphatic alcohol, ethoxylated, propoxylated

Acute toxicity - oral

Caretex Professional Powder P - Detergent Plus

Acute toxicity oral (LD_{50} mg/kg)	2,001.0
Species	Rat
ATE oral (mg/kg)	2,001.0

SECTION 12: Ecological information

Ecotoxicity: Low acute toxicity to aquatic organisms.

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	LC_{50}, 96 hours: 124 (24h - Brachydanio rerio) mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 300 (24h) mg/l, Daphnia magna

Aliphatic alcohol, ethoxylated, propoxylated

Acute aquatic toxicity

$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 1-10 mg/l, Leuciscus idus (Golden orfe)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 1 mg/l,
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 0.1-1 mg/l,
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

12.2. Persistence and degradability

Persistence and degradability: The surfactant(s) contained in this product 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.

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

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.

12.6. Other adverse effects

Other adverse effects: None known.

Caretex Professional Powder P - Detergent Plus

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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

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.

SECTION 15: Regulatory information

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

EU legislation: 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 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments: Revised methods for cleaning up spillages

Revision date: 14/01/2020

Caretex Professional Powder P - Detergent Plus

Revision	3
Supersedes date	14/02/2019
SDS number	8036/22253
Hazard statements in full	H226 Flammable liquid and vapour. 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. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H361 Suspected of damaging fertility or the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.