

SAFETY DATA SHEET

Caretex Professional Powder Q - Detergent

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

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

1.1. Product identifier

Product name Caretex Professional Powder Q - Detergent

Product number 7496/22255

UFI: SJRN-A0M7-S00P-KN2X

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 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 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

Detergent labelling 15 - < 30% phosphates, < 5% non-ionic surfactants, < 5% optical brighteners, < 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

Met. Corr. 1 - H290 Skin Corr. 1B - H314 STOT SE 3 - H335

SODIUM CARBONATE 5-10%

CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-

2119485498-19-XXXX

Classification

Eye Irrit. 2 - H319

Aliphatic alcohol, ethoxylated, propoxylated 1-3%

M factor (Acute) = 1

Classification

Skin Irrit. 2 - H315 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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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

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

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

firefighting

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.

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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

SODIUM CARBONATE

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

WEL = Workplace Exposure Limit.

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 CARBONATE (CAS: 497-19-8)

Ingredient comments WEL = Workplace Exposure Limits

DNEL Workers - Inhalation; Long term local effects: 10 mg/m³

Sodium Chloride (CAS: 7647-14-5)

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

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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

8.2. Exposure controls

Protective equipment





Appropriate engineering controls No specific ventilation requirements.

Eye/face protection Safety glasses with side-shields (EN 166).

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. Wear suitable protective clothing (EN 14605). Long sleeved

protective clothing

Hygiene measures Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Granules.

Colour White/off-white.

Odour Odourless.

pH (diluted solution): 11.8-12.8 1%

Solubility(ies) Soluble in water.

9.2. Other information

Other information Not determined.

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

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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

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

PENTASODIUM TRIPHOSPHATE

Acute toxicity - oral

Acute toxicity oral (LD₅o

2,001.0

mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50

4,641.0

mg/kg)

Species Rabbit
ATE dermal (mg/kg) 4,641.0

Sodium Chloride

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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 (LC₅o

dust/mist mg/l)

43.0

43.0

Species Rat

ATE inhalation (dusts/mists

mg/l)

Carboxymethyl Cellulose

Acute toxicity - oral

Acute toxicity oral (LD₅o

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 5.6

dust/mist mg/l)

Species Rat

ATE inhalation (dusts/mists

mg/l)

SODIUM GLUCONATE

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

2,001.0

5.6

Species Rat

ATE oral (mg/kg) 2,001.0

Aliphatic alcohol, ethoxylated, propoxylated

Acute toxicity - oral

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Acute toxicity oral (LD₅o

mg/kg)

2,001.0

Species Rat

ATE oral (mg/kg) 2,001.0

Ethylenediamine-tetra-methylenephosphonic acid, calcium-sodium salt

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

ATE dermal (mg/kg) 5,001.0

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

Distyryl Biphenyl Derivative

Acute toxicity - oral

Acute toxicity oral (LD₅o

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

SECTION 12: Ecological information

Ecotoxicity Low acute toxicity to aquatic organisms.

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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

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

EC₅o, 48 hours: >100 mg/l, Daphnia magna

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

Chronic aquatic toxicity

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

stage

SODIUM CARBONATE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 300 mg/l, Freshwater fish

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 200-227 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅o, 72 hours: >2420 mg/l, Algae

Sodium Chloride

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 6750 mg/l, Fish

LC₅₀, 96 hours: 5840 mg/l, Lepomis macrochirus (Bluegill)

LC₅₀, 96 hours: 10610 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 7 days: 4000 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 2024 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 3014 mg/l, Algae

Acute toxicity -IC₅₀, : > 1000 mg/l, Activated sludge

microorganisms

Chronic aquatic toxicity

Chronic toxicity - aquatic

invertebrates

LOEC, 21 days: 441 mg/l, Freshwater invertebrates NOEC, 21 days: 314 mg/l, Freshwater invertebrates

Carboxymethyl Cellulose

Acute aquatic toxicity

LC₅₀, 96 hours: >21000 mg/l, Oncorhynchus mykiss (Rainbow trout) Acute toxicity - fish

SODIUM GLUCONATE

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Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1000 mg/l, Fish

Aliphatic alcohol, ethoxylated, propoxylated

Acute aquatic toxicity

 $LE(C)_{50}$ 0.1 < $L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC₅₀, 96 hours: 1-10 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 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

Acrylic acid and maleic acid anydride, copolymer, sodium salts

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >100 mg/l,

Acute toxicity -

EC10, 18 hours: 180 mg/l, Activated sludge

microorganisms

Chronic aquatic toxicity

Chronic toxicity - fish early life NOEC, 42 days: 100 mg/l, Brachydanio rerio (Zebra Fish)

stage

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: >1 mg/l, Daphnia magna

Distyryl Biphenyl Derivative

Acute aquatic toxicity

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

Acute toxicity - aquatic

invertebrates

EC₅o, 24 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅o, 72 hours: >10 - <100 mg/l, Scenedesmus subspicatus

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

microorganisms

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.

Ecological information on ingredients.

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Acrylic acid and maleic acid anydride, copolymer, sodium salts

Chemical oxygen demand ~ 850 mg/g

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

12.4. Mobility in soil

Mobility Not applicable.

Ecological information on ingredients.

Sodium Chloride

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

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

assessment

Ecological information on ingredients.

Sodium Chloride

Results of PBT and vPvB

assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

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

TREM CARD: A3 Road transport notes

14.1. UN number

UN No. (ADR/RID) 3253

14.2. UN proper shipping name

Proper shipping name (ADR/RID) **DISODIUM TRIOXOSILICATE mixture DISODIUM TRIOXOSILICATE mixture** Proper shipping name (IMDG) DISODIUM TRIOXOSILICATE mixture Proper shipping name (ICAO) **DISODIUM TRIOXOSILICATE mixture** Proper shipping name (ADN)

14.3. Transport hazard class(es)

ADR/RID class 8

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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

o Not relevant.

the IBC Code

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 Revision is due to addition of UFI number

Revision date 06/07/2021

Revision 6

 Supersedes date
 14/01/2020

 SDS number
 7496/22255

Hazard statements in full H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.