PARODONTAX EXTRA FRESH TOOTHPASTE (1000PPM FLUORIDE) MFC04181

Safety Data Sheet

According REACH Regulation 1907/2006 as retained in UK law by UK REACH SI 2019 No. 758 as amended
Issue date: 12/03/2026 Version: 1.0

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

1.1. Product identifier

Product form	:	Mixture
Trade name	:	PARODONTAX EXTRA FRESH TOOTHPASTE (1000PPM FLUORIDE) MFC04181
Product code	:	140547
Synonyms	:	PARODONTAX WHITENING TOOTHPASTE;MFC04181;SODIUM FLUORIDE, FORMULATED PRODUCT

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier
Haleon PLC

1st Floor, Building 5, The Heights
KT13 0NY Weybridge – Surrey
United Kingdom
T +44-20-8047-5000 (General Inquiries)
msds@haleon.com
- www.haleon.com

1.4. Emergency telephone number

Country/Area	Organisation	Emergency number
United Kingdom	3E Global Incident Response.	+44 800 680 0425 Contract Number: 335879

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to GB CLP (SI 2019:720 as amended)

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to GB CLP (SI 2019:720 as amended)

EUH-statements (GB CLP) : EUH208 - Contains MENTHA ARVENSIS LEAF OIL, SAGE OIL, ANTHEMIS NOBILIS FLOWER OIL, PEPPERMINT OIL, NATURAL. May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

2.3. Other hazards

Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of UK REACH regulation, in accordance with Annex XIII	ETHANOL (64-17-5), COCAMIDOPROPYL BETAINE (61789-40-0), CORNMINT OIL TERPENELESS (68917-18-0), SAGE OIL (8016-64-6), ANTHEMIS NOBILIS FLOWER OIL (8015-92-7), SODIUM FLUORIDE (7681-49-4), SACCHARIN SODIUM SALT (128-44-9), FERRIC OXIDE RED (1309-37-1), PEPPERMINT OIL, NATURAL (8006-90-4), SODIUM BICARBONATE (144-55-8), XANTHAN GUM (11138-66-2), GLYCERIN (56-81-5)
Substance(s) not meeting the vPvB criteria of UK REACH regulation, in accordance with Annex XIII	ETHANOL (64-17-5), COCAMIDOPROPYL BETAINE (61789-40-0), CORNMINT OIL TERPENELESS (68917-18-0), SAGE OIL (8016-64-6), ANTHEMIS NOBILIS FLOWER OIL (8015-92-7), SODIUM FLUORIDE (7681-49-4), SACCHARIN SODIUM SALT (128-44-9), FERRIC OXIDE RED (1309-37-1), PEPPERMINT OIL, NATURAL (8006-90-4), SODIUM BICARBONATE (144-55-8), XANTHAN GUM (11138-66-2), GLYCERIN (56-81-5)

Results of Endocrine Disruptor assessment

Component	
Substance(s) not considered as endocrine disrupting. They are not included in the list established in accordance with Article 59(1) of UK REACH for having endocrine disrupting properties, nor identified as having endocrine disrupting properties in accordance with the criteria set out in GB BPR and GB PPP	SODIUM BICARBONATE(144-55-8), GLYCERIN(56-81-5), COCAMIDOPROPYL BETAINE(61789-40-0), CORNMINT OIL TERPENELESS(68917-18-0), PEPPERMINT OIL, NATURAL(8006-90-4), XANTHAN GUM(11138-66-2), ANTHEMIS NOBILIS FLOWER OIL(8015-92-7), ETHANOL(64-17-5), SODIUM FLUORIDE(7681-49-4), SAGE OIL(8016-64-6), SACCHARIN SODIUM SALT(128-44-9), FERRIC OXIDE RED(1309-37-1)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
SODIUM BICARBONATE	CAS-No.: 144-55-8 EC-No.: 205-633-8	50 – 75	Not classified
GLYCERIN	CAS-No.: 56-81-5 EC-No.: 200-289-5	5 – 10	Not classified
COCAMIDOPROPYL BETAINE	CAS-No.: 61789-40-0 EC-No.: 263-058-8	1 – 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
CORNMINT OIL TERPENELESS	CAS-No.: 68917-18-0	0.1 – 1	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
PEPPERMINT OIL, NATURAL	CAS-No.: 8006-90-4	0.1 – 1	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
XANTHAN GUM	CAS-No.: 11138-66-2 EC-No.: 234-394-2	0.1 – 1	Comb. Dust, CODU
ANTHEMIS NOBILIS FLOWER OIL	CAS-No.: 8015-92-7	0.1 – 1	Flam. Liq. 3, H226 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
ETHANOL	CAS-No.: 64-17-5 EC-No.: 200-578-6 UK Index-No.: 603-002-00-5	0.1 – 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319
SODIUM FLUORIDE	CAS-No.: 7681-49-4 EC-No.: 231-667-8 UK Index-No.: 009-004-00-7	0.1 – 1	Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight) Acute Tox. 3 (Inhalation:dust,mist), H331 (ATE=0.5 mg/l/4h) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 1, H372
SAGE OIL	CAS-No.: 8016-64-6	0.1 – 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 2, H371 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
SACCHARIN SODIUM SALT	CAS-No.: 128-44-9 EC-No.: 204-886-1	0.1 – 1	Comb. Dust, CODU
FERRIC OXIDE RED	CAS-No.: 1309-37-1 EC-No.: 215-168-2	< 0.1	Not classified

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).

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

Symptoms/effects after inhalation	:	None under normal conditions.
Symptoms/effects after skin contact	:	None under normal conditions.
Symptoms/effects after eye contact	:	None under normal conditions.
Symptoms/effects after ingestion	:	None under normal conditions.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	No fire hazard.
Explosion hazard	:	No direct explosion hazard.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions	:	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	:	Take up liquid spill into absorbent material.
Other information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	:	Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Keep in a cool, well-ventilated place away from heat.
Storage conditions	:	Keep cool. Protect from sunlight.
Packaging materials	:	Always store product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

ETHANOL (64-17-5)

United Kingdom - Occupational Exposure Limits

Local name	Ethanol
WEL TWA (OEL TWA)	1920 mg/m³
	1000 ppm
WEL STEL (OEL STEL)*	5760 mg/m³
	3000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
	*STEL value is calculated based on the TWA limit

COCAMIDOPROPYL BETAINE (61789-40-0)

Haleon - Exposure limits

OHC	1 >1000 - =5000 mcg/m3

SODIUM FLUORIDE (7681-49-4)

United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA)	2.5 mg/m³
WEL STEL (OEL STEL)*	7.5 mg/m³
	*STEL value is calculated based on the TWA limit

FERRIC OXIDE RED (1309-37-1)

Haleon - Exposure limits

OHC	1

United Kingdom - Occupational Exposure Limits

Local name	Iron oxide
WEL TWA (OEL TWA)	5 mg/m³ 10 mg/m³ (Total inhalable) 4 mg/m³ (Respirable)
WEL STEL (OEL STEL)	10 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

SODIUM BICARBONATE (144-55-8)

Haleon - Exposure limits

OHC	1 >1000 - <=5000 mcg/m3

XANTHAN GUM (11138-66-2)

Haleon - Exposure limits

OHC	1

GLYCERIN (56-81-5)

United Kingdom - Occupational Exposure Limits

Local name	Glycerol
WEL TWA (OEL TWA)	10 mg/m³
WEL STEL (OEL STEL)*	30 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
	*STEL value is calculated based on the TWA limit

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:
Wear recommended personal protective equipment.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:
Safety glasses

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Odour	:	Not available
Odour threshold	:	Not available
pH	:	Not available
Melting point	:	Not applicable
Freezing point	:	Not available
Boiling point	:	Not available
Flash point	:	Not available
Flammability	:	Not available
Explosive limits	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Relative vapour density at 20°C	:	Not available
Relative density	:	Not available
Density	:	Not available
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity, kinematic	:	Not available
Explosive properties	:	Not available

9.2. Other information

Particle characteristics	:	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

ETHANOL (64-17-5)

LD50 oral rat	10470 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 oral	8300 mg/kg bodyweight Animal: mouse
LD50 dermal rabbit	> 15800 mg/kg bodyweight (Rabbit, Experimental value, Dermal)
LC50 Inhalation - Rat	124.7 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
LC50 Inhalation - Rat (Vapours)	116.9 mg/l Source: ECHA

COCAMIDOPROPYL BETAINE (61789-40-0)

LD50 oral rat	> 5000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Estimated value, Skin, 14 day(s))

CORNMINT OIL TERPENELESS (68917-18-0)

LD50 oral rat	1240 mg/kg Source: ECHA

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

LD50 oral rat	> 5000 mg/kg Source: National Library of Medicine
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

SODIUM FLUORIDE (7681-49-4)

LD50 oral rat	223 mg/kg bodyweight (EPA OPPTS 870.1100: Acute Oral Toxicity, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (EPA OPPTS 870.1200: Acute Dermal Toxicity, Rat, Experimental value, Dermal)
LC50 Inhalation - Rat	1 mg/l/4h

SACCHARIN SODIUM SALT (128-44-9)

LD50 oral rat	8980 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))

FERRIC OXIDE RED (1309-37-1)

LD50 oral rat	> 10000 mg/kg bodyweight (Rat, Male, Experimental value, Oral)
LD50 oral	> 5000 mg/kg bodyweight Animal: , Guideline: EU Method B.1 (Acute Toxicity (Oral))
LC50 Inhalation - Rat	5.05 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
LC50 Inhalation - Rat (Dust/Mist)	5.05 mg/l Source: ECHA

SODIUM BICARBONATE (144-55-8)

LD50 oral rat	> 4000 mg/kg (FIFRA (40 CFR), Rat, Male / female, Experimental value, Oral)
LC50 Inhalation - Rat	> 4.74 mg/l (EPA OTS 798.1150: Acute inhalation toxicity, 4.5 h, Rat, Male / female, Experimental value, Inhalation, 14 day(s))

XANTHAN GUM (11138-66-2)

LD50 oral rat	45000 mg/kg (Rat, Oral)

GLYCERIN (56-81-5)

LD50 oral rat	27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral, 10 day(s))
LD50 dermal	56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 5.85 mg/l (Equivalent or similar to OECD 412, 4 h, Rat, Male / female, Experimental value, Inhalation (mist), 14 day(s))
LC50 Inhalation - Rat (Vapours)	> 2.75 mg/l Source: ECHA

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

ETHANOL (64-17-5)

pH	7 (789 g/l, 20 °C)

COCAMIDOPROPYL BETAINE (61789-40-0)

pH	5.19 (Test data, 1 vol %, 24 °C, OECD 122: Partition Coefficient (n-Octanol/Water), pH-Metric Method for Ionisable Substances)

CORNMINT OIL TERPENELESS (68917-18-0)

pH	5.1

SAGE OIL (8016-64-6)

pH	5.2

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

pH	6.3

SODIUM FLUORIDE (7681-49-4)

pH	7.4

SACCHARIN SODIUM SALT (128-44-9)

pH	6.49 (1 %, 29 °C, OECD 122: Partition Coefficient (n-Octanol/Water), pH-Metric Method for Ionisable Substances)

FERRIC OXIDE RED (1309-37-1)

pH	7 (5 %)

PEPPERMINT OIL, NATURAL (8006-90-4)

pH	5.9

SODIUM BICARBONATE (144-55-8)

pH	8 (5 %)

XANTHAN GUM (11138-66-2)

pH	6 – 8 (1 %)

GLYCERIN (56-81-5)

pH	5.5 – 8

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

ETHANOL (64-17-5)

pH	7 (789 g/l, 20 °C)

COCAMIDOPROPYL BETAINE (61789-40-0)

pH	5.19 (Test data, 1 vol %, 24 °C, OECD 122: Partition Coefficient (n-Octanol/Water), pH-Metric Method for Ionisable Substances)

CORNMINT OIL TERPENELESS (68917-18-0)

pH	5.1

SAGE OIL (8016-64-6)

pH	5.2

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

pH	6.3

SODIUM FLUORIDE (7681-49-4)

pH	7.4

SACCHARIN SODIUM SALT (128-44-9)

pH	6.49 (1 %, 29 °C, OECD 122: Partition Coefficient (n-Octanol/Water), pH-Metric Method for Ionisable Substances)

FERRIC OXIDE RED (1309-37-1)

pH	7 (5 %)

PEPPERMINT OIL, NATURAL (8006-90-4)

pH	5.9

SODIUM BICARBONATE (144-55-8)

pH	8 (5 %)

XANTHAN GUM (11138-66-2)

pH	6 – 8 (1 %)

GLYCERIN (56-81-5)

pH	5.5 – 8

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

ETHANOL (64-17-5)

IARC group	1 - Carcinogenic to humans

SODIUM FLUORIDE (7681-49-4)

IARC group	3 - Not classifiable

SACCHARIN SODIUM SALT (128-44-9)

IARC group	3 - Not classifiable

FERRIC OXIDE RED (1309-37-1)

IARC group	3 - Not classifiable

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

COCAMIDOPROPYL BETAINE (61789-40-0)

NOAEL (animal/female, F0/P)	300 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:
NOAEL (animal/female, F1)	1000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

SAGE OIL (8016-64-6)

STOT-single exposure	May cause damage to organs.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

ETHANOL (64-17-5)

NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	> 9400 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

SODIUM FLUORIDE (7681-49-4)

LOAEL (oral, rat, 90 days)	≈ 4 mg/kg bodyweight Animal: rat, Guideline: other:
NOAEL (oral, rat, 90 days)	≈ 25 mg/kg bodyweight Animal: rat, Guideline: other:

FERRIC OXIDE RED (1309-37-1)

LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.2102 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
NOAEL (oral, rat, 90 days)	> 1000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	≥ 0.03 mg/l air Animal: rat, Animal sex: male

SODIUM BICARBONATE (144-55-8)

NOAEL (oral, rat, 90 days)	6400 mg/kg bodyweight Animal: rat, Animal sex: male

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

ETHANOL (64-17-5)

Viscosity, kinematic	1.6 mm²/s (20 °C)

COCAMIDOPROPYL BETAINE (61789-40-0)

Viscosity, kinematic	36.383 mm²/s (20 °C, OECD 114: Viscosity of Liquids, Test data)

SODIUM FLUORIDE (7681-49-4)

Viscosity, kinematic	0.38 mm²/s

SACCHARIN SODIUM SALT (128-44-9)

Viscosity, kinematic	Not applicable (solid)

FERRIC OXIDE RED (1309-37-1)

Viscosity, kinematic	Not applicable (solid)

GLYCERIN (56-81-5)

Viscosity, kinematic	1121 mm²/s (20 °C, Calculated)

Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

PARODONTAX EXTRA FRESH TOOTHPASTE (1000PPM FLUORIDE) MFC04181

EC50 - Crustacea [1]	164.74298096 mg/l 48.00 hour

ETHANOL (64-17-5)

LC50 - Fish [1]	15300 mg/l (US EPA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 72h - Algae [1]	275 mg/l (Equivalent or similar to OECD 201, Chlorella vulgaris, Static system, Fresh water, Experimental value, Growth rate)
ErC50 algae	275 mg/l Source: ECHA
NOEC (chronic)	9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'

COCAMIDOPROPYL BETAINE (61789-40-0)

LC50 - Fish [1]	2 mg/l (96 h, Danio rerio, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	6.4 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
ErC50 algae	1.3 mg/l Source: SIDS
LOEC (chronic)	3.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.9 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

CORNMINT OIL TERPENELESS (68917-18-0)

LC50 - Fish [1]	3.01 mg/l Source: ECHA
EC50 - Crustacea [1]	2.43 mg/l Source: ECHA

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

LC50 - Fish [1]	8.113 mg/l Source: Ecological Structure Activity Relationships
EC50 - Crustacea [1]	5.565 mg/l Source: Ecological Structure Activity Relationships
EC50 96h - Algae [1]	4.696 mg/l Source: Ecological Structure Activity Relationships

SODIUM FLUORIDE (7681-49-4)

LC50 - Fish [1]	107.5 ppm (US EPA, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Fluorine ion)
LC50 - Fish [2]	165 mg/l Test organisms (species): other:
EC50 - Crustacea [1]	97 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Fluorine ion)
EC50 72h - Algae [1]	850 mg/l Source: NCIS; Toxic Substances Information Report
EC50 96h - Algae [1]	43 mg/l (Scenedesmus sp., Static system, Experimental value, Fluorine ion)
ErC50 algae	> 100 mg/l
NOEC (chronic)	14.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	4 mg/l

SACCHARIN SODIUM SALT (128-44-9)

LC50 - Fish [1]	> 400 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value)
LC50 - Fish [2]	703.8 – 83589.19 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Locomotor effect)
EC50 72h - Algae [1]	> 200 mg/l (OECD 201: Alga, Growth Inhibition Test, Desmodesmus subspicatus, Static system, Fresh water, Experimental value)
NOEC (chronic)	119.839 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

SACCHARIN SODIUM SALT (128-44-9)

NOEC chronic fish	307.146 mg/l Test organisms (species): other: Duration: '28 d'

FERRIC OXIDE RED (1309-37-1)

LC50 - Fish [1]	≥ 50000 mg/l Source: ECHA
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
EC50 - Other aquatic organisms [1]	> 100 mg/l Test organisms (species):
EC50 72h - Algae [1]	> 20 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)

SODIUM BICARBONATE (144-55-8)

LC50 - Fish [1]	7100 mg/l (EPA OPP 72-1, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	4100 mg/l (EPA OPP 72-2, 48 h, Daphnia magna, Flow-through system, Fresh water, Experimental value, GLP)
NOEC (chronic)	> 576 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	400 mg/l Test organisms (species): Pimephales promelas Duration: '30 d'

XANTHAN GUM (11138-66-2)

LC50 - Fish [1]	420 mg/l Source: ECOTOX

GLYCERIN (56-81-5)

LC50 - Fish [1]	54000 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	> 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

12.2. Persistence and degradability

PARODONTAX EXTRA FRESH TOOTHPASTE (1000PPM FLUORIDE) MFC04181

Persistence and degradability	Not rapidly degradable

ETHANOL (64-17-5)

Persistence and degradability	Biodegradable in the soil, Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O_2/g substance
Chemical oxygen demand (COD)	1.7 g O_2/g substance
ThOD	2.1 g O_2/g substance

COCAMIDOPROPYL BETAINE (61789-40-0)

Persistence and degradability	Readily biodegradable in water.

CORNMINT OIL TERPENELESS (68917-18-0)

Persistence and degradability	Not rapidly degradable

SAGE OIL (8016-64-6)

Persistence and degradability	Not rapidly degradable

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

Persistence and degradability	Not rapidly degradable

SODIUM FLUORIDE (7681-49-4)

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

SACCHARIN SODIUM SALT (128-44-9)

Persistence and degradability	Not readily biodegradable in water.

FERRIC OXIDE RED (1309-37-1)

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

PEPPERMINT OIL, NATURAL (8006-90-4)

Persistence and degradability	Not rapidly degradable

SODIUM BICARBONATE (144-55-8)

Persistence and degradability	Biodegradability: not applicable.
ThOD	Not applicable (inorganic)

XANTHAN GUM (11138-66-2)

Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.25 g O_2/g substance

GLYCERIN (56-81-5)

Persistence and degradability	Readily biodegradable in water.

12.3. Bioaccumulative potential

ETHANOL (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.35 (Experimental value, Equivalent or similar to OECD 107, 24 °C)
Partition coefficient n-octanol/water (Log Kow)	-0.31
Bioaccumulative potential	Not bioaccumulative.

COCAMIDOPROPYL BETAINE (61789-40-0)

BCF - Fish [1]	48 (Pisces, Fresh water, Experimental value, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	0.69 (Estimated value, KOWWIN)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

Partition coefficient n-octanol/water (Log Pow)	3.33 Source: Quantitative Structure Activity Relation

SODIUM FLUORIDE (7681-49-4)

BCF - Fish [1]	53 – 58 (Pisces, Fresh water, Literature study, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-0.77 Source: EPISUITE
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

SACCHARIN SODIUM SALT (128-44-9)

BCF - Fish [1]	3 (Literature study)
Partition coefficient n-octanol/water (Log Pow)	-2.23 (Experimental value, 25 °C)

SACCHARIN SODIUM SALT (128-44-9)

Bioaccumulative potential	Not bioaccumulative.

FERRIC OXIDE RED (1309-37-1)

Bioaccumulative potential	Not bioaccumulative.

SODIUM BICARBONATE (144-55-8)

Partition coefficient n-octanol/water (Log Pow)	-4.01 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.

XANTHAN GUM (11138-66-2)

Bioaccumulative potential	No bioaccumulation data available.

GLYCERIN (56-81-5)

Partition coefficient n-octanol/water (Log Pow)	-1.8 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Partition coefficient n-octanol/water (Log Kow)	-1.76
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

ETHANOL (64-17-5)

Surface tension	22.31 mN/m (20 °C, 100 %)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.2 (log Koc, Experimental value)
Ecology - soil	Highly mobile in soil.

COCAMIDOPROPYL BETAINE (61789-40-0)

Surface tension	35 mN/m (Experimental value)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Estimated value)
Ecology - soil	Highly mobile in soil.

ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)

Mobility in soil	0.808 Source: Quantitative Structure Activity Relation

SODIUM FLUORIDE (7681-49-4)

Ecology - soil	Adsorbs into the soil. Toxic to flora.

SACCHARIN SODIUM SALT (128-44-9)

Surface tension	No data available in the literature
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.307 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.

FERRIC OXIDE RED (1309-37-1)

Surface tension	Not applicable (solid)
Ecology - soil	Adsorbs into the soil.

SODIUM BICARBONATE (144-55-8)

Ecology - soil	No (test)data on mobility of the substance available.

GLYCERIN (56-81-5)

Surface tension	63.4 mN/m (20 °C, 1000 g/l)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

12.5. Results of PBT and vPvB assessment

Component	
ETHANOL (64-17-5)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
COCAMIDOPROPYL BETAINE (61789-40-0)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
CORNMINT OIL TERPENELESS (68917-18-0)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
SAGE OIL (8016-64-6)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
ANTHEMIS NOBILIS FLOWER OIL (8015-92-7)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
SODIUM FLUORIDE (7681-49-4)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
SACCHARIN SODIUM SALT (128-44-9)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
FERRIC OXIDE RED (1309-37-1)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
PEPPERMINT OIL, NATURAL (8006-90-4)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
SODIUM BICARBONATE (144-55-8)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
XANTHAN GUM (11138-66-2)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII
GLYCERIN (56-81-5)	This substance does not meet the PBT criteria of UK REACH regulation, annex XIII This substance does not meet the vPvB criteria of UK REACH regulation, annex XIII

12.6. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

Ecological waste information : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

Transport document description

Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.3. Transport hazard class(es)

Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.4. Packing group

Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.5. Environmental hazards

Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available

14.6. Special precautions for user

Overland transport
Not regulated

Transport by sea
Not regulated

Air transport
Not regulated

Inland waterway transport
Not regulated

Rail transport
Not regulated

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. National regulations

UK REACH Annex XVII (Restriction List)

UK restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
3(a)	ETHANOL ; SAGE OIL ; ANTHEMIS NOBILIS FLOWER OIL	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F

UK restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
3(b)	ETHANOL ; COCAMIDOPROPYL BETAINE ; CORNMINT OIL TERPENELESS ; SAGE OIL ; ANTHEMIS NOBILIS FLOWER OIL ; PEPPERMINT OIL, NATURAL	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	COCAMIDOPROPYL BETAINE ; CORNMINT OIL TERPENELESS ; SAGE OIL ; ANTHEMIS NOBILIS FLOWER OIL ; PEPPERMINT OIL, NATURAL	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

UK REACH Annex XIV (Authorisation List)

This product contains no substance(s) listed on UK REACH Annex XIV (Authorisation List) equal to or above the 0.1% level of disclosure

UK REACH Candidate List (SVHC)

This product contains no substance(s) listed on the UK REACH Candidate List (SVHC).

GB PIC Regulation (Prior Informed Consent)

This product contains no substance(s) listed on the GB PIC List equal to or above the level of SDS disclosure

POP Regulation (Persistent Organic Pollutants)

This product contains no substance(s) listed on the GB POP List equal to or above the level of SDS disclosure

Ozone Regulation (S.I. No. 168 of 2015)

This product contains no substance(s) listed on the GB Ozone Depletion List equal to or above the level of SDS disclosure

Control of Poisons and Explosives Precursors Act

This product contains no substance(s) listed as a reportable poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure
This product contains no substance(s) listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure
This product contains no substance(s) listed as a reportable explosive precursor on the Control of Poisons and Explosives Precursors Regulations equal to or above the level of SDS disclosure
This substance is not listed as a regulated poison on the Control of Poisons and Explosives Precursors Regulations

Drug Precursors Regulation (EC 273/2004)

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

15.1.2. Other Information

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor

Abbreviations and acronyms:

BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
BS EN	British Standard
CAS-No.	Chemical Abstracts Service number
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
ED	Endocrine disruptor
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
N.O.S.	Not Otherwise Specified
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative

Full text of H- and EUH-statements:

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 5 (Oral)	Acute toxicity (oral), Category 5
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Acute 2	Hazardous to the aquatic environment – Acute Hazard, Category 2

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Comb. Dust	Combustible Dust
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
CODU	May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.].
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains CORNMINT OIL TERPENELESS (68917-18-0), SAGE OIL (8016-64-6), ANTHEMIS NOBILIS FLOWER OIL (8015-92-7), PEPPERMINT OIL, NATURAL (8006-90-4). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.