



SAFETY DATA SHEET

1. Identification

Product identifier

SENSODYNE TOOTHPASTE (WITH TITANIUM DIOXIDE)

Other means of identification

Synonyms

IB 1171 SENSODYNE-F BAKING SODA * IB 1850 SENSODYNE WITH VITAMINS * IB 2078 SENSODYNE TOOTHPASTE ORIGINAL (US) * MFC00299 SENSODYNE ORIGINAL TOOTHPASTE * MFC00556 GENTLE WHITENING (UK) * MFC00556 SENSODYNE GEL WHITENING * MFC00645 SENSODYNE F * MFC00843 SENSODYNE FRESH IMPACT * MFC00858 PRONAMEL * MFC00925 PRONAMEL FRESH WAVE * MFC00926 SENSODYNE PRONAMEL MINT ESSENCE, SENSODYNE PRONAMEL (CANADA) * MFC01942 PRONAMEL FOR CHILDREN (EU) * MFC02141 EXTRA WHITENING (REPLACEMENT MINT FLAVOR) * MFC02389 SENSODYNE PRONAMEL FOR CHILDREN (US) * MFC02402 SENSODYNE PRONAMEL GENTLE WHITENING (US) * MFC02559 FRESHMINT (INDIA) * MFC03132 SENSODYNE FRESH GEL (BLUE 1150PPM F-) * MFC03134 SENSODYNE EXTRA FRESH * MFC03135 SENSODYNE EXTRA FRESH * MFC03140 SENSODYNE EXTRA FRESH * MFC03141 SENSODYNE EXTRA FRESH (COMPOSITE 1150PPM F-) * MFC03144 SENSODYNE GUM HEALTH * MFC03145 SENSODYNE COMPLEX; SENSODYNE MULTICARE * MFC03145 SENSODYNE EXTRA FRESH * MFC03145 SENSODYNE TOTAL CARE * MFC03146 SENSODYNE TOTAL CARE (1000PPM F-) * MFC03218 SENSODYNE FULL PROTECTION PLUS WHITENING * MFC03219 SENSODYNE TARTAR CONTROL & WHITENING * MFC03358 SENSODYNE REPAIR AND PROTECT WHITENING (1450PPM SODIUM MONOFLUOROPHOSPHATE) * MFC03366 SENSODYNE (SHUMITECT) EXTRA FRESH / FRESH GEL (BLUE 928PPM FLUORIDE) (PROJECT BUZZ) * MFC03366 SHUMITECT SOUKAI WASH (SENSODYNE EXTRA FRESH) * MFC03366 SHUMITECT SOKAI WASH (SENSODYNE EXTRA FRESH / FRESH GEL: PROJECT BUZZ) * MFC03392 SENSODYNE (SHUMITECT) GUM HEALTH (PINK 928PPM FLUORIDE) (PROJECT BUZZ) * MFC03691 SENSODYNE REPAIR AND PROTECT WHITENING (1450PPM FLUORIDE) * MFC03795 PRONAMEL ENAMEL CARE & GENTLE WHITENING * MFC03925 PRONAMEL MULTI-ACTION * MFC03928 SENSODYNE PRONAMEL WITH CONFIDENT WHITE FLAVOUR (1426PPM FLUORIDE) * MFC04008 PRONAMEL (OPTAMINT 134601 FLAVOUR), 1450 PPM FLUORIDE * MFC04010 PRONAMEL GENTLE WHITENING TOOTHPASTE * MFC04017 SENSODYNE PRONAMEL MULTI-ACTION (928PPM FLUORIDE) * MFC04143 TRUE WHITE EXTRA FRESH (1100 PPM FLUORIDE) * MFC04155 TRUE WHITE MINT (1100 PPM FLUORIDE) * MFC04156 TRUE WHITE MINT * MFC04276 TRUE WHITE EXTRA FRESH TOOTHPASTE * MFC04431 SENSODYNE TRUE WHITE MINT 1150 PPM FLUORIDE (PHASE 2.0) * MFC04437 SENSODYNE TRUE WHITE EXTRA FRESH 1150 PPM FLUORIDE (PHASE 2.0) * MFC04582 SENSODYNE REPAIR AND PROTECT WHITENING (1040PPM - PROJECT HYPERNOVA) * MFC04588 SENSODYNE TRUE WHITE MINT 928PPM FLUORIDE (PHASE 1.0) * MFC04668 SENSODYNE WHITENING FOR INDIA (927 PPM F) PROJECT GLEAM * MFC04769 SENSODYNE PRONAMEL STRONG & BRIGHT ENAMEL - MINT (1150 PPM F) * MFC04770 SENSODYNE PRONAMEL STRONG & BRIGHT ENAMEL - MINT (1426 PPM F) * MFC04770 SENSODYNE PRONAMEL STRONG & WHITE (MINT) * MFC04770 PRONAMEL STRONG & WHITE MINT * MFC04770 PROGLASUR STRONG & WHITE MINT * MFC04770 SENSODYNE PROSCHMELZ STRONG&WHITE (MINZE) * MFC04771 SENSODYNE PRONAMEL STRONG & BRIGHT ENAMEL - EXTRA FRESH (1150 PPM F) * MFC04772 SENSODYNE PRONAMEL STRONG & BRIGHT ENAMEL - EXTRA FRESH (1426 PPM F) * MFC04834 SENSODYNE DAILY PROTECTION 1426PPM FLUORIDE * MFC04835 SENSODYNE COOL MINT 1426PPM FLUORIDE * MFC04946 SENSODYNE GENTLE WHITENING 1450PPM FLUORIDE * MFC04948 SENSODYNE EXTRA WHITENING 1150PPM FLUORIDE * MFC04949 SENSODYNE GENTLE WHITENING 1450PPM FLUORIDE * MFC04978 SENSODYNE ORIGINAL 1450PPM FLUORIDE * MFC20026 MULTICARE TOOTHPASTE * MFC50076 SENSODYNE TARTAR CONTROL PLUS WHITENING * MFC50156 FRESH IMPACT * SODIUM FLUORIDE AND/OR POTASSIUM NITRATE, FORMULATED PRODUCT

Recommended use

Oral Care

Recommended restrictions

No other uses are advised.

Manufacturer/Importer/Supplier/Distributor information

COMPANY NAME GlaxoSmithKline US
Address: 5 Moore Drive
Research Triangle Park, NC 27709 USA
Telephone: +1-888-825-5249 (General Inquiries)
Email: msds@gsk.com
Website: www.gsk.com

EMERGENCY CONTACTS

Telephone: CHEMTREC EMERGENCY NUMBERS
+(1) 703 527 3887 (International)
24/7; multi-language response
Contract Number: CCN9484

Telephone: VERISK 3E GLOBAL INCIDENT RESPONSE
+(1) 760 476 3971 (In country)
+(1) 760 476 3962 or +(1) 866 519 4752 (International)
24/7; multi-language response
Contract Number: 334878

2. Hazard(s) identification

Classified hazards

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Label elements

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Hazard(s) not otherwise classified (HNOC)

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
GLYCERIN	GLYCEROL GLYCERIN ANHYDROUS GLYCERINE GLYCERITOL GLYCYL ALCOHOL 1,2,3-PROPANETRIOL PROPANETRIOL GLYROL GLYSANIN TRIHIDROXYPROPANE 1,2,3-TRIHIDROXYPROPANE OSMOGLYN	56-81-5	0 - 61.5
SODIUM BICARBONATE	BAKING SODA BICARBONATE OF SODA CARBONIC ACID MONOSODIUM SALT CARBONIC ACID SODIUM SALT (1:1) MONOSODIUM CARBONATE MONOSODIUM HYDROGEN CARBONATE RTECS VZ0950000 SODIUM ACID CARBONATE SODIUM HYDROGEN CARBONATE	144-55-8	0 - 25
COLLOIDAL ANHYDROUS SILICA	AEROSIL 200		0 - 24
SILICA, AMORPHOUS HYDRATED	SILCON DIOXIDE HYDRATE SILICA, HYDRATE HYDRATED AMORPHOUS SILICA Zeodent 113 Zeodent 153	10279-57-9	0 - 24

Chemical name	Common name and synonyms	CAS number	%
SILICON DIOXIDE	SILICA SILICA GEL AMORPHOUS SILICA DIATOMACEOUS EARTH INFUSORIAL EARTH CAB-O-SIL M-5	7631-86-9	0 - 24
POLYETHYLENE GLYCOL	AZIRIDINE, HOMOPOLYMER, ETHOXYLATED OHS19172 POLYETHYLENEIMINE ETHOXYLATE	68130-99-4	0 - 20
CALCIUM CARBONATE	CARBONIC ACID, CALCIUM SALT CALCIUM MONOCARBONATE PRECIPITATED CALCIUM CARBONATE CHALK	471-34-1	0 - 10
ZEODENT 113	SILICA GEL, CRYSTAL-FREE	112926-00-8	3 - < 5
POTASSIUM PYROPHOSPHATE, ANHYDROUS	TETRAPOTASSIUM PYROPHOSPHATE PYROPHOSPHORIC ACID, TETRAPOTASSIUM SALT DIPHOSPHORIC ACID, TETRAPOTASSIUM SALT TETRAPOTASSIUM DIPHOSPHATE POTASSIUM PYROPHOSPHATE, NORMAL POTASSIUM PHOSPHATE(K4P2O7)	7320-34-5	0 - 5.1
NOVAMIN 4516	CALCIUM SODIUM PHOSPHOSILICATE	359684-27-8	0 - 5
POTASSIUM NITRATE	NITRIC ACID POTASSIUM SALT NITRIC ACID POTASSIUM SALT (1:1)	7757-79-1	0 - 5
SODIUM TRIPOLYPHOSPHATE	TRIPHOSPHORIC ACID, PENTASODIUM SALT PENTASODIUM TRIPHOSPHATE PENTASODIUM TRIPOLYPHOSPHATE SODIUM TRIPHOSPHATE SODIUM POLYPHOSPHATE SODIUM PHOSPHATE	7758-29-4	0 - 5
COCOAMIDOPROPYL BETAINE	COCOAMIDO BETAINE N-(COCO ALKYL) AMIDO PROPYL DIMETHYL BETAINE COCONUT OIL AMIDOPROPYL BETAINE E 1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DI M 1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DI METHYL-, N-COCO ACYL DERIVATIVES, HYDROXIDES, INNER SALTS 1-PROPANAMINIUM,3-AMINO-N-(CARB OXYMETHYL)-N,N-DIMETHYL-,N-COCO ACYL DERIVS.,HYDROXIDES,INNER SALTS	61789-40-0	0 - 4
POTASSIUM CHLORIDE	POTASSIUM CHLORIDE (KCL) POTASSIUM MONOCHLORIDE SUPER K (SALT) POTASSIUM MURIATE	7447-40-7	0 - 3.8
POLYETHYLENE GLYCOL STEARATE	POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXOOCTADECYL)-OMEGA-H YDROXY- GLYCOLS, POLYETHYLENE, MONOSTEARATE POLYOXYL 8 STEARATE POLYETHYLENE GLYCOL 400 MONOSTEARATE POLYETHOXYLATED MONOSTEARATE POLYETHYLENE GLYCOL MONOSTEARATE POLYETHYLENE OXIDE MONOSTEARATE	9004-99-3	0 - 3

Chemical name	Common name and synonyms	CAS number	%
DODECYL SODIUM SULFATE	DODECYL SULFATE, SODIUM SALT SODIUM LAURYL SULPHATE LAURYL SULFATE SODIUM SALT	151-21-3	0 - 2
QUARTZ	ALPHA-QUARTZ SILICON DIOXIDE SILICON DIOXIDE (QUARTZ) SILICA SILICIC ANHYDRIDE CRYSTALLINE SILICA	14808-60-7	0 - 2
ZINC CITRATE		546-46-3	0 - 2
FLAVOUR 730494 OPTAMINT PEARL		Mixture	0 - 1.4
FLAVOUR CONFIDENT WHITE 509321		Unassigned	0 - 1.4
SHINY WHITE OPTAMINT 733517	OPTAMINT SHINY WHITE	Unassigned	0 - 1.4
OPTAMINT FLAVOUR		Unassigned	0 - 1.3
OPTAMINT MINT BLAST 733528	OPTAMINT NAT & ART MINT FLAVOR	Unassigned	0 - 1.3
ALUMINA	ALUMINA OXIDE ALUMINA ALUMINUM TRIOXIDE ALUMINIUM OXIDE ALUMINUM OXIDE	1344-28-1	0 - 1.25
AQUAFRESH SENSITIVE FLAVOR		Mixture	0 - 1.25
CASSIOPEE BREEZE 509087T			0 - 1.25
EAE41128/00 FRESHER FOREVER	TP 16557 FRESHER FOREVER	Unassigned	0 - 1.2
FLAVOR OIL #261		Mixture	0 - 1.2
FLAVOUR TP16555 ARCTIC FOX		Mixture	0 - 1.2
NEBULA FLAVOUR 509528T		Unassigned	0 - 1.2
NOVAMINT 507306T		Unassigned	0 - 1.2
OPTAMINT® MASK 1.5 COMPLETE 826473		Unassigned	0 - 1.2
XANTHAN GUM	ACTIGUM CX 9 BIOPOLYMER XB-23 XANTHAN GUM BIOZAN R ENORFLO X FLOCON 1035 GALAXY XB KELFLO KELTROL (GUM) KELZAN KENTROL POLYSACCHARIDE B 1459 RHODOPOL 23 XANFLOOD XANTHOMONAS GUM	11138-66-2	0 - 1.2
FLAVOUR BRIC II OPTAMINT 402653		Unassigned	0 - 1.1
Flavour Linen TP-16421	EAC15182/00	Unassigned	0 - 1.1
FLAVOUR OIL TP10926 MISSISSIPPI		Unassigned	0 - 1.1
FLAVOUR OPTAMINT PROPOLIS 833315		Unassigned	0 - 1.1
FLAVOURING		Unassigned	0 - 1.1
GALAXY FLAVOUR 508522 3T		Unassigned	0 - 1.1
NOVAMINT EXTRA SO FRESH FLAVOR 506944T		Unassigned	0 - 1.1
NOVAMINT EXTRA SO FRESH FLAVOUR			0 - 1.1

Chemical name	Common name and synonyms	CAS number	%
OPTAMINT INDIANA 888401		Unassigned	0 - 1.1
SENSIDREAM FLAVOR 508915T		Unassigned	0 - 1.1
SODIUM MONOFLUOROPHOSPHATE	DISODIUM FLUOROPHOSPHATE DISODIUM MONOFLUOROPHOSPHATE DISODIUM PHOSPHOROFUORIDATE SODIUM FLUOROPHOSPHATE (NA2PO3F) SODIUM PHOSPHOROFUORIDATE SODIUM PHOSPHOROFUORIDATE	10163-15-2	0 - 1.1
TITANIUM DIOXIDE	TITANIUM OXIDE TITANIUM(IV) OXIDE TITANIUM PEROXIDE (TiO2) PIGMENT WHITE 6	13463-67-7	0.1 - 1
TP13980J ASWAN (JAP) FLAVOUR			0 - 1.1
CARBOXYMETHYLCELLULOSE	CARBOXYMETHYLATED CELLULOSE PULP CARBOXYMETHYL CELLULOSE ETHER CELLULOSE CARBOXYMETHYLATE CELLULOSEGLYCOLIC ACID GLYCOLIC ACID CELLULOSE ETHER CELLULOSE, CARBOXYMETHYL ETHER CELLULOSE CARBOXYMETHYLATE ETHER CMC CARBOSE CM-CELLULOSE COLLORESINE THYLOSE CARBOXYMETHYL CELLULOSE OHS84039 RTECS FJ5700000	9000-11-7	0 - 1
FI PURE COOL 2 - 507780 T		Unassigned	0 - 1
FLAVOUR AN142232	AN142232 AN 142232 FLAVOR PROJECT BLACKNESS FLAVOUR RM2704 RM2712 SENSODYNE FLAVOUR D142232	Unassigned	0 - 1
FLAVOUR JIMMY JINX FS2014 (GIVAUDAN)		Unassigned	0 - 1
FLAVOUR PETER PIPER FS2037 (GIVAUDAN)		Unassigned	0 - 1
FLAVOUR SLEEPY ED FS 2019		Unassigned	0 - 1
FLAVOUR SOFT MINT 507759T		Unassigned	0 - 1
FLAVOUR TP16273 STELLAR EC		Unassigned	0 - 1
GIVAUDAN FS 0791 DENTAL FLAVOUR (AF-43)		Unassigned	0 - 1
HYDROXYETHYL CELLULOSE	CELLULOSE, 2-HYDROXYETHYL ETHER CELLOSIZATE 2-HYDROXYETHYL ETHER CELLULOSE NATROSOL 2-HYDROXYETHYL CELLULOSE HYDROXYETHYL ETHER CELLULOSE CELLULOSE HYDROXYETHYLATE CELLULOSE HYDROXYETHYL ETHER OHS80130 RTECS FJ5958000 NATROSOL 250G NATROSOL 250M	9004-62-0	< 1

Chemical name	Common name and synonyms	CAS number	%
PEPPERMINT OIL	OIL OF PEPPERMINT ESSENTIAL PEPPERMINT OIL PEPPERMINT LEAF OIL PEPPERMINT TERPENES	8006-90-4	0 - 1
SENSODYNE FLAVOUR PREMIX IMX U4305	SENSODYNE FLAVOUR PREMIX IMX U4304 SENSODYNE FLAVOUR PREMIX IMX24 9 FORMULA NO. U4303, U4304, U4305, IMX249, IB1542, IB1802, IB1804, PRODUCT INTERMEDIATE SENSODYNE FLAVOUR PREMIX IMX U4303	Unassigned	0 - 1
SODIUM METHYL COCOYL TAURATE	TAURANOL WS-HP SODIUM N-COCOYL N-METHYL TAURATE TAURINE, N-METHYL-N-OLEOYL, SODIUM SALT ADINOL T IGEPON T-43 IGEPON T-71 IGEPON T-73 IGEPON T-77 IGEPON T IGEPON T-51 IGEPON T-33 IGEPON TE METAUPON PASTE OLEOYL METHYL TAURIDE SODIUM 2-(N-METHYL OLEAMIDO)ETHANE-1-SULFONATE SODIUM OLEOYLMETHYLTAURIDE	61791-42-2	< 1
TP 16430 JIAOLONG EC		Unassigned	0 - 1
FLAVOUR CLEAN BURST 2 507780		Unassigned	0 - 0.9
DEVELOPMINT TP12995A			0 - 0.7
SODIUM HYDROXIDE	CAUSTIC SODA LYE SODIUM HYDRATE HIDROXIDO SODICO HIDRÓXIDO DE SÓDIO CAUSTIC SODA SOLUTION Caustic soda (as NaOH) Soda lye Soda, caustic	1310-73-2	0 - 0.65
CORNMINT OIL TERPENELESS	CORNMINT OIL (MENTHA ARVENSIS OIL) MENTHA ARVENSIS OIL (CORNMINT) MENTHA OIL	68917-18-0	0 - 0.55
L-MENTHOL	CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, (1R-(1ALPHA,2BETA,5ALPHA))- (1R-(1ALPHA,2BETA,5ALPHA))-5-METH YL-2-(1-METHYLETHYL)-CYCLOHEXAN OL LEVOMENTHOL L-MENTHOL (L)-MENTHOL	2216-51-5	0 - 0.5
TIN (II) FLUORIDE	STANNOUS FLUORIDE TIN BIFLUORIDE	7783-47-3	0 - 0.5

Chemical name	Common name and synonyms	CAS number	%
TRISODIUM PHOSPHATE, DODECAHYDRATE	TRISODIUM PHOSPHATE SODIUM PHOSPHATE TRIBASIC DODECAHYDRATE SODIUM PHOSPHATE, TRIBASIC 12-HYDRATE PHOSPHORIC ACID, TRISODIUM SALT, DODECAHYDRATE PHOSPHATE DODECAHYDRATE TRISODIUM PHOSPHATE (NA3PO4.12H2O) TRISODIUM ORTHOPHOSPHATE TSP STCC 4966383 SODIUM ORTHOPHOSPHATE DODECAHYDRATE SODIUM PHOSPHATE, TRIBASIC TRISODIUM ORTHOPHOSPHATE DODECAHYDRATE TRISODIUM PHOSPHATE DODECAHYDRATE (NA3PO4.12H2O) SODIUM PHOSPHATE (NA3PO4) DODECAHYDRATE TRISODIUM PHOSPHATE DODECHYDRATE SODIUM ORTHOPHOSPHATE, TRIBASIC, DODECAHYDRATE H3O4P.12H2O.3NA OHS24500 RTECS TC9575000	10101-89-0	0 - 0.5
EUCALYPTOL	1,8-CINEOL CINEOLE 1,8-CINEOLE 1,8-EPOXY-P-MENTHANE EUCALYPTOL EUCALYPTOLE EUKALYPTOL (CZECH) NCI-C56575 CAJEPUTOL 2- OXABICYCLO(2.2.2)OCTANE, 1,3,3-TRIMETHYL- 1,8-OXIDO-P-MENTHANE TERPAN	470-82-6	0 - 0.4
SODIUM FLUORIDE	SODIUM MONOFLUORIDE NATURAL VILLIAUMITE	7681-49-4	0 - 0.32
FLAVOUR MAC 49 PEPPERMINT OIL			0 - 0.3
TOCOPHERYL ACETATE	DL-ALPHA TOCOPHERYL ACETATE D-ALPHA TOCOPHERYL ACETATE VITAMIN E ACETATE 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12- trimethyltridecyl)-2H-benzopyran-6-yl acetate [ENTRY 2]	7695-91-2	0 - 0.2
TRISODIUM PHOSPHATE	PHOSPHORIC ACID, TRISODIUM SALT PHOSPHORIC ACID SODIUM SALT (1:3) SODIUM PHOSPHATE SODIUM PHOSPHATE (NA3PO4) SODIUM PHOSPHATE, TRIBASIC SODIUM TERTIARY PHOSPHATE TRIBASIC SODIUM ORTHOPHOSPHAT E TRIBASIC SODIUM PHOSPHATE TRISODIUM ORTHOPHOSPHATE TROMETE TSP TRISODIUM MONOPHOSPHATE, ANHYDROUS OHS24480 RTECS TC9490000	7601-54-9	0 - 0.2

Chemical name	Common name and synonyms	CAS number	%
ACESULFAME K	1,2,3-OXATHIAZIN-4(3H)-ONE, 6-METHYL-, 2,2-DIOXIDE, POTASSIUM SALT (9CI) ACESULFAM ACESULFAME POTASSIUM	55589-62-3	< 0.1
ANETHOLE	1-METHOXY-4-PROPENYLBENZENE 1-METHOXY-4-(1-PROPENYL)BENZEN E ANETHOL P-ANETHOLE ANISE CAMPHOR 4-METHOXYPROPENYLBENZENE OIL OF ANISEED	104-46-1	< 0.1
CITRIC ACID ANHYDROUS	BETA-HYDROXYTRICARBALLYLIC ACI D ANHYDROUS CITRIC ACID 2-HYDROXY-1,2,3-PROPANETRICARB OXYLIC ACID CITIRIC ACID	77-92-9	0 - 0.1
D-PANTHENOL	BUTANAMIDE, 2,4-DIHYDROXY-N-(3-HYDROXYPROPY L)-3,3-DIMETHYL, (R)- (R)-2,4-DIHYDROXY-N-(3-HYDROXYPR OPYL)-3,3-DIMETHYL-BUTANAMIDE BUTYRAMIDE, 2,4-DIHYDROXY-N-(3-HYDROXYPROPY L)-3,3-DIMETHYL-, D-(+)- D-(+)-2,4-DIHYDROXY-N-(3-HYDROXYPR ROPYL)-3,3-DIMETYL-BUTYRAMIDE D(+)-PANTHENOL PANTOTHENOL D-PANTOTHENOL D-PANTOTHENYL ALCOHOL D(+)-PANTOTHENYL ALCOHOL PANTHODERM PANTHENOL GW709768X	81-13-0	0 - 0.1
FD AND C BLUE NO. 1 ALUMINUM LAKE	BENZENEMETHANAMINIUM, N-ETHYL-N-(4-((4-(ETHYL((3-SULFOPH ENYL) METHYL) AMINO) PHENYL)(2-SULFOPHENYL) METHYLENE)-2,5-CYCLOHEXADIEN-1- YLIDENE) -3-SULFOHYDROXIDE, INNER SALT, ALUMINUM SALT C.I. 42090:2 C.I. FOOD BLUE 2:1 C.I. FOOD BLUE 2 ALUMINUM LAKE FD AND C BLUE NO.1 LAKE	68921-42-6	0 - 0.1
METHYL SALICYLATE	2-(METHOXYCARBONYL)PHENOL ANTHRAPOLE ND BENZOIC ACID, 2-HYDROXY-, METHYL ESTER METHYL 2-HYDROXYBENZOATE METHYL O-HYDROXYBENZOATE OIL OF WINTERGREEN SALICYLIC ACID, METHYL ESTER WINTERGREEN OIL	119-36-8	< 0.1

Chemical name	Common name and synonyms	CAS number	%
PROPYL PARABEN	PROPYL P-HYDROXYBENZOATE PROTABEN 4-HYDROXYBENZOIC ACID, PROPYL ESTER P-HYDROXYBENZOIC ACID, PROPYL ESTER PASEPTOL PARASEPT PROPYL ASEPTOFORM PROPYL P-OXYBENZOATE PROPYL-4-HYDROXYBENZOATE N-PROPYL P-HYDROXYBENZOATE	94-13-3	0 - 0.1
SODIUM BENZOATE	BENZOIC ACID, SODIUM SALT BENZOATE OF SODA SODIUM BENZOIC ACID	532-32-1	0 - 0.1
SODIUM SULFATE	SULFURIC ACID DISODIUM SALT BISODIUM SULFATE DISODIUM MONOSULFATE DISODIUM SULFATE DISODIUM SULPHATE SODIUM SULFATE (2:1) SODIUM SULFATE ANHYDROUS SODIUM SULPHATE SODIUM SULFATE, ANHYDROUS DIBASIC SODIUM SULFATE NATURAL THENARDITE RTECS WE1650000 GLAUBERS SALT SULFURIC ACID, DISODIUM SALT	7757-82-6	< 0.1
SPEARMINT 21407	D1000650		0 - 0.1
SUCRALOSE	MICRONIZED SUCRALOSE POWDERED SUCRALOSE NEAT SUCRALOSE	56038-13-2	0 - 0.1
BUTYLATED HYDROXYANISOLE	BHA TENOX BHA (1,1-DIMETHYLETHYL)-4-METHOXYPHENOL ANTIOXYNE B BUTYLHYDROXYANISOLE TERT-BUTYLHYDROXYANISOLE EMBANOX PROTEX SUSTANE 1F SUSTAN 1F OHS03640 RTECS SL1945000 BUTYLHYDROXYANISOLE (BHA) T-BUTYL HYDROXY ANISOLE (BHA) TERT.-BUTYL-4-METHOXYPHENOL	25013-16-5	0 - 0.01
BUTYLATED HYDROXYTOLUENE (BHT)	BHT 3,5-DI-TERT.-BUTYL-4-HYDROXY-TOLUOL 2,6-DI-TERT.-BUTYL-4-METHYL-PHENOL L 2,6-DI-T-BUTYL-4-METHYLPHENOL	128-37-0	0 - 0.01
SPEARMINT OIL TERPENELESS	OIL OF SPEARMINT TERPENELESS OILS, SPEARMINT, TERPENE-FREE	68917-46-4	0 - 0.01
Other components below reportable levels			<70.0

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms/effects, acute and delayed Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically.

General information If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media Water. Carbon dioxide (CO2). Alcohol resistant foam. Dry powder.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards This product will support combustion at elevated temperatures.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch or walk through spilled material. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

Environmental precautions Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage

Precautions for safe handling No special control measures required for the normal handling of this product. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Use personal protective equipment as required. Wash contaminated clothing before reuse. Avoid breathing mist or vapor.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Keep away from heat, sparks and open flame.

8. Exposure controls/personal protection

Occupational exposure limits

GSK Components	Type	Value	Note
ACESULFAME K (CAS 55589-62-3)	OHC	1	
ANETHOLE (CAS 104-46-1)	OHC	3	>10 - <=100 mcg/m3 SKIN SENSITISER
BUTYLATED HYDROXYANISOLE (CAS 25013-16-5)	OHC	2	
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)	OHC	1	

GSK Components	Type	Value	Note
CITRIC ACID ANHYDROUS (CAS 77-92-9)	8 HR TWA	5000 mcg/m3	
	OHC	1	
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)	OHC	1	PROVISIONAL
DODECYL SODIUM SULFATE (CAS 151-21-3)	OHC	2	
D-PANTHENOL (CAS 81-13-0)	OHC	2	PROVISIONAL
EUCALYPTOL (CAS 470-82-6)	OHC	3	SKIN SENSITISER
		3	>0.5 - </=5 ppm SENSITISER
FLAVOUR AN142232	OHC	3	>10 - </=100 mcg/m3 PROVISIONAL
FLAVOUR LINEN TP-16421	OHC	3	>10 - </= 100 mcg/m3 PROVISIONAL
FLAVOUR MAC 49 PEPPERMINT OIL	OHC	3	>10 - </=100 mcg/m3 PROVISIONAL
FLAVOUR PETER PIPER FS2037 (GIVAUDAN)	OHC	3	>10 - </=100 mcg/m3 PROVISIONAL
FLAVOUR SLEEPY ED FS 2019	OHC	3	>10 - </=100 mcg/m3 PROVISIONAL
STELLAR EC FLAVOUR TP16273	OHC	3	>10 - </=100 mcg/m3 PROVISIONAL
FLAVOURING	OHC	3	>10 - </= 100 mcg/m3 PROVISIONAL
HYDROXYETHYL CELLULOSE (CAS 9004-62-0)	OHC	2	>100 - </=1000 mcg/m3 PROVISIONAL
L-MENTHOL (CAS 2216-51-5)	OHC	1	SKIN SENSITISER
METHYL SALICYLATE (CAS 119-36-8)	8 HR TWA	3000 mcg/m3	
	OHC	1	
POLYETHYLENE GLYCOL (CAS 68130-99-4)	OHC	1	>1000 - </=5000 mcg/m3 PROVISIONAL
POTASSIUM CHLORIDE (CAS 7447-40-7)	8 HR TWA	5000 mcg/m3	
	OHC	1	
POTASSIUM NITRATE (CAS 7757-79-1)	OHC	3	>10 - </= 100 mcg/m3 PROVISIONAL
POTASSIUM PYROPHOSPHATE, ANHYDROUS (CAS 7320-34-5)	OHC	3	>10 - </=100 mcg/m3 PROVISIONAL
PROPYL PARABEN (CAS 94-13-3)	8 HR TWA	5000 mcg/m3	
	OHC	1	
SENSIDREAM FLAVOR 508915T	OHC	3	>10 - </= 100 mcg/m3 PROVISIONAL
SODIUM BENZOATE (CAS 532-32-1)	8 HR TWA	5000 mcg/m3	

GSK Components	Type	Value	Note
SODIUM BICARBONATE (CAS 144-55-8)	8 HR TWA	5000 mcg/m3	
	OHC	1	
SODIUM METHYL COCOYL TAURATE (CAS 61791-42-2)	OHC	3	>10 - <=100 mcg/m3
SODIUM SULFATE (CAS 7757-82-6)	8 HR TWA	5000 mcg/m3	
	OHC	1	
SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)	OHC	1	
SUCRALOSE (CAS 56038-13-2)	OHC	1	
XANTHAN GUM (CAS 11138-66-2)	OHC	1	
ZINC CITRATE (CAS 546-46-3)	OHC	1	

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
ALUMINA (CAS 1344-28-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
CALCIUM CARBONATE (CAS 471-34-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
GLYCERIN (CAS 56-81-5)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
SODIUM FLUORIDE (CAS 7681-49-4)	PEL	2.5 mg/m3	
SODIUM HYDROXIDE (CAS 1310-73-2)	PEL	2 mg/m3	
SODIUM MONOFLUOROPHOSPHATE (CAS 10163-15-2)	PEL	2.5 mg/m3	
TITANIUM DIOXIDE (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value	Form
SODIUM FLUORIDE (CAS 7681-49-4)	TWA	2.5 mg/m3	Dust.
SODIUM MONOFLUOROPHOSPHATE (CAS 10163-15-2)	TWA	2.5 mg/m3	Dust.
TIN (II) FLUORIDE (CAS 7783-47-3)	TWA	2.5 mg/m3	Dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		2.4 millions of particle	Respirable.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
SILICA, AMORPHOUS HYDRATED (CAS 10279-57-9)	TWA	0.8 mg/m3	
		20 millions of particle	
SILICON DIOXIDE (CAS 7631-86-9)	TWA	0.8 mg/m3	
		20 mppcf	
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
ZEODENT 113 (CAS 112926-00-8)	TWA	0.8 mg/m3	
		20 mppcf	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
ALUMINA (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)	TWA	2 mg/m3	Inhalable fraction and vapor.
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)	TWA	1 mg/m3	Respirable fraction.
QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
SODIUM FLUORIDE (CAS 7681-49-4)	TWA	2.5 mg/m3	
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m3	
SODIUM MONOFLUOROPHOSPHATE (CAS 10163-15-2)	TWA	2.5 mg/m3	
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)	TWA	10 mg/m3	
CALCIUM CARBONATE (CAS 471-34-1)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)	TWA	2 mg/m3	
QUARTZ (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.
SILICA, AMORPHOUS HYDRATED (CAS 10279-57-9)	TWA	6 mg/m3	
SILICON DIOXIDE (CAS 7631-86-9)	TWA	6 mg/m3	
SODIUM FLUORIDE (CAS 7681-49-4)	TWA	2.5 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m3	
SODIUM MONOFLUOROPHOSPHA TE (CAS 10163-15-2)	TWA	2.5 mg/m3	
ZEODENT 113 (CAS 112926-00-8)	TWA	6 mg/m3	

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
TRISODIUM PHOSPHATE (CAS 7601-54-9)	STEL	5 mg/m3
TRISODIUM PHOSPHATE, DODECAHYDRATE (CAS 10101-89-0)	STEL	5 mg/m3

Biological limit values**ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
SODIUM FLUORIDE (CAS 7681-49-4)	3 mg/l	Fluoride	Urine	*
	2 mg/l	Fluoride	Urine	*
SODIUM MONOFLUOROPHOSPHA TE (CAS 10163-15-2)	3 mg/l	Fluoride	Urine	*
	2 mg/l	Fluoride	Urine	*
TIN (II) FLUORIDE (CAS 7783-47-3)	3 mg/l	Fluoride	Urine	*
	2 mg/l	Fluoride	Urine	*

* - For sampling details, please see the source document.

Appropriate engineering controls No special ventilation requirements.

Individual protection measures, such as personal protective equipment

Eye/face protection Not normally needed. If contact is likely, safety glasses with side shields are recommended. Eye wash fountain is recommended.

Skin protection

Hand protection Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

Other Not normally needed. Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Not available.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional.

9. Physical and chemical properties**Appearance**

Physical state Liquid.
Form Paste.Pump/tube.
Color Not available.

Odor Not available.

Odor threshold Not available.

pH	9 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 375.8 °F (> 191 °C) Closed Cup (Estimation based on components).
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	May cause an allergic skin reaction. Causes mild skin irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May be harmful if swallowed. Health injuries are not known or expected under normal use.

Symptoms related to the physical, chemical and toxicological characteristics None known. Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity May be harmful if swallowed. Health injuries are not known or expected under normal use.

Components	Species	Test Results
ACESULFAME K (CAS 55589-62-3)		
Acute		
Oral		
LD50	Rat	> 2000 mg/kg

Components	Species	Test Results
ANETHOLE (CAS 104-46-1)		
<u>Acute</u>		
Oral		
LD50	Rat	2090 mg/kg
BUTYLATED HYDROXYANISOLE (CAS 25013-16-5)		
<u>Acute</u>		
Oral		
LD50	Rat	2 g/kg
CALCIUM CARBONATE (CAS 471-34-1)		
<u>Acute</u>		
Oral		
LD50	Rat	6450 mg/kg
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)		
<u>Acute</u>		
Oral		
LD	Rat	> 5 g/kg
CITRIC ACID ANHYDROUS (CAS 77-92-9)		
<u>Acute</u>		
Oral		
LD50	Rat	11700 mg/kg
COCOAMIDOPROPYL BETAINE (CAS 61789-40-0)		
<u>Acute</u>		
Oral		
LD50	Mouse	> 2000 mg/kg
CORN MINT OIL TERPENELESS (CAS 68917-18-0)		
<u>Acute</u>		
Oral		
<i>Liquid</i>		
LD50	Rat	1240 mg/kg
DODECYL SODIUM SULFATE (CAS 151-21-3)		
<u>Acute</u>		
Oral		
LD50	Rat	1288 mg/kg
D-PANTHENOL (CAS 81-13-0)		
<u>Acute</u>		
Oral		
LD50	Mouse	15 g/kg
EUCALYPTOL (CAS 470-82-6)		
<u>Acute</u>		
Oral		
LD50	Rat	2480 mg/kg
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg
GLYCERIN (CAS 56-81-5)		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg

Components	Species	Test Results
L-MENTHOL (CAS 2216-51-5)		
<u>Acute</u>		
Oral		
LD50	Rat	2400 mg/kg
METHYL SALICYLATE (CAS 119-36-8)		
<u>Acute</u>		
Oral		
LD50	Rat	887 mg/kg
PEPPERMINT OIL (CAS 8006-90-4)		
<u>Acute</u>		
Oral		
LD50	Rat	2426 mg/kg
POTASSIUM CHLORIDE (CAS 7447-40-7)		
<u>Acute</u>		
Oral		
LD50	Rat	2600 mg/kg
POTASSIUM PYROPHOSPHATE, ANHYDROUS (CAS 7320-34-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 4640 mg/kg
Oral		
LD50	Rat	4640 mg/kg
PROPYL PARABEN (CAS 94-13-3)		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg
SENSODYNE FLAVOUR PREMIX IMX U4305		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg
SODIUM BENZOATE (CAS 532-32-1)		
<u>Acute</u>		
Oral		
LD50	Rat	2000 mg/kg
SODIUM BICARBONATE (CAS 144-55-8)		
<u>Acute</u>		
Oral		
LD50	Rat	>= 7300 mg/kg
SODIUM HYDROXIDE (CAS 1310-73-2)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	1350 mg/kg
Oral		
LD50	Rat	104 - 340 mg/kg
SODIUM METHYL COCOYL TAURATE (CAS 61791-42-2)		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg

Components	Species	Test Results
SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)		
<u>Acute</u>		
Oral		
LD50	Rat	3120 mg/kg
SPEARMINT 21407		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg
SUCRALOSE (CAS 56038-13-2)		
<u>Acute</u>		
Oral		
LD50	Rat	10 g/kg
TITANIUM DIOXIDE (CAS 13463-67-7)		
<u>Acute</u>		
Inhalation		
LC50	Rat	6820 mcg/m3
Oral		
LD50	Rat	> 24 g/kg
<u>Chronic</u>		
Inhalation		
LOEC	Rat	8.6 mg/m3, 1 years TiO2 accumulated in interstitial macrophages, aggregated interstitial cells and particle laden macrophages in lymphoid tissue.
NOAEC	Rat	250 mg/m3, 2 years Highest dose 5 mg/m3, 24 months
<u>Subacute</u>		
Inhalation		
LOEL	Rat	0.1 - 35 mg/m3, 4 weeks Mild macrophage hyperplasia, no change in bronchio-alveolar lavage fluid.
NOAEC	Guinea pig	26 mg/m3, 3 weeks No evidence of significant inflammation in respiratory tract.
Oral		
NOAEL	Rat	100000 ppm, 14 Day Dietary study, highest dose tested.
<u>Subchronic</u>		
Inhalation		
LOEC	Rat	3.2 - 20 mg/m3, 8 min Accumulation of TiO2 in macrophages and evidence of pulmonary inflammation.
TRISODIUM PHOSPHATE (CAS 7601-54-9)		
<u>Acute</u>		
Oral		
LD50	Rat	7.4 g/kg
XANTHAN GUM (CAS 11138-66-2)		
<u>Acute</u>		
Inhalation		
LC50	Rat	> 21 mg/l, 1 hour exposure
Oral		
LD50	Rat	> 5000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes mild skin irritation.	
Corrosivity		
SODIUM HYDROXIDE		Literature search Result: Causes severe burns.
PEPPERMINT OIL		Literature search Result: Positive
SODIUM BENZOATE		OECD 404 Result: Negative Species: Rabbit
Irritation Corrosion - Skin		
TITANIUM DIOXIDE		0, Literature data Result: Non-irritant Species: Guinea pig 0, Literature data Result: Non-irritant Species: Human Acute dermal irritation; OECD 404, Literature data Result: Non-irritant Species: Rabbit
Irritation Corrosion - Skin: P.I.I. value		
SUCRALOSE		0
CITRIC ACID ANHYDROUS		OECD 404 Result: Mild to moderate irritant. Species: Rabbit
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Eye		
SODIUM BENZOATE		Acute ocular irritation; OECD 405 Result: Mild irritant Species: Rabbit
CITRIC ACID ANHYDROUS		Acute ocular irritation; OECD 405 Result: Severe Irritant Species: Rabbit
SODIUM METHYL COCOYL TAURATE		Acute ocular irritation; OECD 405, ECHA Result: Irritant Species: Rabbit
SODIUM HYDROXIDE		Literature search Result: Causes severe burns.
PEPPERMINT OIL		Literature search Result: Mild/moderate Irritant
TITANIUM DIOXIDE		OECD 405, Literature data Result: Mild irritant Species: Rabbit
Eye / Kay and Calandra class - Intact		
SUCRALOSE		4
Respiratory or skin sensitization		
Respiratory sensitization	Not available.	
Skin sensitization	Health injuries are not known or expected under normal use. May cause an allergic skin reaction.	
Sensitization		
TITANIUM DIOXIDE		5 % Optimisation Test, Literature data - Vehicle: petrolatum Result: Negative Species: Guinea pig Test Duration: 48 hour exposure
PEPPERMINT OIL		Literature search Result: Positive
SODIUM BENZOATE		Local lymph node assay Result: Negative Species: Mouse
TITANIUM DIOXIDE		Patch test, Literature data Result: Negative Species: Human
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	

Mutagenicity

SODIUM BENZOATE

Ames

Result: Negative

TITANIUM DIOXIDE

Ames, Literature data

Result: Negative

SODIUM BENZOATE

Chromosomal aberration assay

Result: Negative

Species: Rat

TITANIUM DIOXIDE

Micronucleus Assay in vitro, CHO cells, Literature data

Result: Negative

Micronucleus Assay in vitro, cultured human peripheral lymphocytes, Literature data

Result: Positive

Syrian Hamster Embryo (SHE) cell transformation assay

Result: Negative

WIL2-NS HPRT/ t-Thioguanidine - Human B-Cell lymphoblastoid, Literature data

Result: Positive

Carcinogenicity

Carcinogenic effects are not expected as a result of occupational exposure. Contains a material (Titanium Dioxide and Butylated Hydroxyanisole) classified as a carcinogen by external agencies. These effects are linked only to high doses of this substance; lower doses did not cause this adverse effect.

TITANIUM DIOXIDE

0.5 mg/m3, Literature data

Result: Negative

Species: Rat

Test Duration: 24 months

0.72 - 14.8 mg/m3, Literature data

Result: Negative

Species: Mouse

10 - 250 mg/m3, Dietary study - Literature data.

Result: Inflammation at all doses with alveolar/bronchiolar adenoma at the highest concentration.

Species: Rat

Test Duration: 24 months

SODIUM BENZOATE

2 year study, Male + Female

Result: Negative - dietary

Species: Rat

TITANIUM DIOXIDE

25000 - 50000 ppm, Dietary study - Literature data.

Result: Negative

Species: Rat

25000 - 50000 ppm, Dietary study

Result: Negative

Species: Mouse

7.2 - 14.8 mg/m3, Literature data

Result: Lung tumour

Species: Rat

Test Duration: 24 months

IARC Monographs. Overall Evaluation of Carcinogenicity

BUTYLATED HYDROXYANISOLE (CAS 25013-16-5)

2B Possibly carcinogenic to humans.

BUTYLATED HYDROXYTOLUENE (BHT) (CAS 128-37-0)

3 Not classifiable as to carcinogenicity to humans.

QUARTZ (CAS 14808-60-7)

1 Carcinogenic to humans.

SILICA, AMORPHOUS HYDRATED (CAS 10279-57-9)

3 Not classifiable as to carcinogenicity to humans.

SILICON DIOXIDE (CAS 7631-86-9)

3 Not classifiable as to carcinogenicity to humans.

SODIUM FLUORIDE (CAS 7681-49-4)

3 Not classifiable as to carcinogenicity to humans.

TIN (II) FLUORIDE (CAS 7783-47-3)

3 Not classifiable as to carcinogenicity to humans.

TITANIUM DIOXIDE (CAS 13463-67-7)

2B Possibly carcinogenic to humans.

ZEODENT 113 (CAS 112926-00-8)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

QUARTZ (CAS 14808-60-7)

Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

BUTYLATED HYDROXYANISOLE (CAS 25013-16-5)

Reasonably Anticipated to be a Human Carcinogen.

QUARTZ (CAS 14808-60-7)

Known To Be Human Carcinogen.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Reproductivity
SODIUM BENZOATE

Embryofetal Development
Result: Negative
Reproduction/Fertility Study
Result: Negative
Species: Rat

Specific target organ toxicity - single exposure None known.

Specific target organ toxicity - repeated exposure None known.

POTASSIUM PYROPHOSPHATE, ANHYDROUS

273 g/kg, NIOSH
Species: Rat
Organ: Kidney
Observation Period: 13 weeks

Aspiration hazard Not available.

Further information Occupational exposure to the substance or mixture may cause adverse effects.

12. Ecological information

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment.

Components		Species	Test Results
ACESULFAME K (CAS 55589-62-3)			
Aquatic			
<i>Acute</i>			
Crustacea	NOEC	Water flea (Daphnia magna)	> 1000 mg/l, 24 hours
Fish	EC50	Zebra fish (Adult Brachydanio rerio)	> 1000 mg/l, 96 hours
<i>Chronic</i>			
Other	LC50	Bacteria	> 10000 mg/l
BUTYLATED HYDROXYANISOLE (CAS 25013-16-5)			
Aquatic			
<i>Acute</i>			
Fish	EC50	Orange-red killfish (Adult Oryzias latipes)	2.5 - 5.3 mg/L, 48 hours Static test
CALCIUM CARBONATE (CAS 471-34-1)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	> 56000 mg/l, 24 hours
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)			
<i>Acute</i>			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	> 100 mg/l, 48 hours Static test
	NOEC	Water flea (Daphnia magna)	100 mg/l, 48 hours Static test
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)	> 20000 mg/l, 96 hours Static test
CITRIC ACID ANHYDROUS (CAS 77-92-9)			
Aquatic			
<i>Acute</i>			
Algae	NOEC	Green algae (Scenedesmus quadricauda)	425 mg/l, 8 days Static Test
Crustacea	EC50	Water flea (Daphnia magna)	120 mg/l, 72 hours Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)	1516 mg/l, 96 hours Static test
		Golden ide/orfe (Adult Leuciscus idus)	440 - 760 mg/l, 96 hours Static test

Components		Species	Test Results
COCOAMIDOPROPYL BETAINE (CAS 61789-40-0)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (Scenedesmus subspicatus)	0.55 mg/l, 96 hours
	NOEC	Green algae (Scenedesmus subspicatus)	0.09 mg/l, 96 hours
Crustacea	EC50	Water flea (Daphnia magna)	6.5 mg/l, 48 hours
	NOEC	Water flea (Daphnia magna)	1.6 mg/l, 48 hours
Fish	EC50	Zebra fish (Adult Brachydanio rerio)	2 mg/l, 96 hours semi-static test conditions
	NOEC	Zebra fish (Adult Brachydanio rerio)	1.7 mg/l, 96 hours semi-static test conditions
Microtox	MIC	Pseudomonas	> 3000 mg/l, 16 hours
<i>Chronic</i>			
Crustacea	LOEC	Water flea (Daphnia magna)	3.6 mg/l, 21 days
	NOEC	Water flea (Daphnia magna)	0.9 mg/l, 21 days
DODECYL SODIUM SULFATE (CAS 151-21-3)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	5.4 mg/l, 48 hours Static test
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)	4.6 mg/l, 96 hours Flow-through test
<i>Chronic</i>			
Algae	NOEC	Green algae (Desmodesmus subspicatus)	30 mg/l, 72 hours
Crustacea	NOEC	Ceriodaphnia dubia	0.88 mg/l, 7 days Flow-through Test
Fish	NOEC	Fathead minnow (Pimephales promelas)	3.8 mg/l, 28 days Flow-through test
EUCALYPTOL (CAS 470-82-6)			
Aquatic			
<i>Acute</i>			
Fish	EC50	Fathead minnow (Adult Pimephales promelas)	102 mg/l, 96 hours Flow-through test
L-MENTHOL (CAS 2216-51-5)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (Desmodesmus subspicatus)	21.4 mg/l, 72 hours OECD 201
Crustacea	EC50	Water flea (Daphnia magna)	37.7 mg/l, 24 hours OECD 202
Fish	LC50	Zebra danio (Danio rerio)	15.6 mg/l, 96 hours EU Method C.1
<i>Chronic</i>			
Algae	NOEC	Green algae (Desmodesmus subspicatus)	9.65 mg/l, 72 hours OECD 201
METHYL SALICYLATE (CAS 119-36-8)			
<i>Chronic</i>			
Other	LC50	Pseudomonas putida	380 mg/l, 16 hours
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	50 mg/l, 24 hours

Components		Species	Test Results
POTASSIUM CHLORIDE (CAS 7447-40-7)			
Aquatic			
<i>Acute</i>			
Algae	NOEC	Green algae (<i>Chlorella vulgaris</i>)	600 mg/l, 4 months
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	83 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult <i>Lepomis macrochirus</i>)	951 mg/l, 96 hours Static test
		Channel catfish (Adult <i>Ictalurus punctatus</i>)	720 mg/l, 48 hours Static test
		Fathead minnow (Adult <i>Pimephales promelas</i>)	880 mg/l, 96 hours Static test
		Mosquito fish (Adult <i>Gambusia affinis</i>)	435 mg/l, 96 hours Static test
POTASSIUM NITRATE (CAS 7757-79-1)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	490 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult <i>Lepomis macrochirus</i>)	420 mg/l, 96 hours Static test
		Guppy (Juvenile <i>Poecilia reticulata</i>)	180 mg/l, 96 hours Static test
		Mosquito fish (Adult <i>Gambusia affinis</i>)	22.5 mg/l, 96 hours Static test
SILICON DIOXIDE (CAS 7631-86-9)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (<i>Selenastrum capricornutum</i>)	440 mg/l, 72 hours
	NOEC	Green algae (<i>Selenastrum capricornutum</i>)	60 mg/l, 72 hours
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	> 10000 mg/l, 24 hours Static test
Fish	EC50	Common carp (Juvenile <i>Cyprinus carpio</i>)	> 10000 mg/l, 72 hours
		Zebra fish (Adult <i>Brachydanio rerio</i>)	5000 mg/l, 96 hours Static test
Microtox	EC50	Microtox	8700 mg/l, 15 minutes
SODIUM BENZOATE (CAS 532-32-1)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	> 100 mg/L, 96 hours Static test
Fish	EC50	Fathead minnow (Juvenile <i>Pimephales promelas</i>)	484 mg/L, 96 hours Flow-through test
SODIUM BICARBONATE (CAS 144-55-8)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Algae (<i>Nitscheria linearis</i>)	650 mg/l, 5 days
Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	2350 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult <i>Lepomis macrochirus</i>)	8250 - 9000 mg/l, 96 hours Static test
		Mosquito fish (Adult <i>Gambusia affinis</i>)	7550 mg/l, 96 hours Static test
SODIUM FLUORIDE (CAS 7681-49-4)			
<i>Acute</i>			
	IC50	Activated sludge	2930 mg/L, 3 hours

Components		Species	Test Results
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (Selenastrum capricornutum)	272 mg/L, 96 hours
Crustacea	EC50	Water flea (Daphnia magna)	340 mg/L, 48 hours Static test
Fish	EC50	Fathead minnow (Juvenile Pimephales promelas)	180 mg/L, 96 hours Static renewal test
		Mosquito fish (Adult Gambusia affinis)	418 mg/L, 96 hours Static test
		Rainbow trout (Juvenile Oncorhyncus mykiss)	108 mg/L, 96 hours Static test
SODIUM HYDROXIDE (CAS 1310-73-2)			
Aquatic			
<i>Acute</i>			
Fish	EC50	Mosquito fish (Adult Gambusia affinis)	125 mg/l, 96 hours Static test
		Rainbow trout (Adult Oncorhyncus mykiss)	45.4 mg/l, 96 hours Static test
SODIUM METHYL COCOYL TAURATE (CAS 61791-42-2)			
<i>Acute</i>			
	IC50	Activated sludge	> 3200 mg/l, 3 hours Nominal
	NOEC	Activated sludge	100 mg/l, 3 hours Nominal
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	14 mg/l, 48 hours Nominal
	NOEC	Water flea (Daphnia magna)	10 mg/l, 48 hours Nominal
SODIUM SULFATE (CAS 7757-82-6)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	134 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)	3040 mg/l, 96 hours Static test
		Mosquito fish (Adult Gambusia affinis)	120 mg/l, 96 hours
SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)			
<i>Acute</i>			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Aquatic			
<i>Acute</i>			
Algae	EC50	Algae	60 - 120 mg/l
Crustacea	EC50	Water flea (Daphnia magna)	1089 mg/l, 50 hours
Fish	EC50	Golden ide/orfe (Adult Leuciscus idus)	1650 mg/l, 48 hours
		Orange-red killfish (Adult Oryzias latipes)	590 mg/l, 48 hours Static test
SUCRALOSE (CAS 56038-13-2)			
<i>Acute</i>			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia magna)	> 100 mg/l, 48 hours Static test
	NOEC	Water flea (Daphnia magna)	100 mg/l, 48 hours Static test
TITANIUM DIOXIDE (CAS 13463-67-7)			
Aquatic			
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours

Components	Species	Test Results
<i>Acute</i>		
Crustacea	EC50	Water flea (Daphnia magna)
		> 1000 mg/l, 48 hours Static test
TOCOPHERYL ACETATE (CAS 7695-91-2)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Green algae (Selenastrum capricornutum)
		> 25.5 mg/l, 72 hours
	NOEC	Green algae (Selenastrum capricornutum)
		25.5 mg/l, 72 hours
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)
		> 91.1 mg/l, 96 hours
	NOEC	Rainbow trout (Adult Oncorhynchus mykiss)
		91.1 mg/l, 96 hours
XANTHAN GUM (CAS 11138-66-2)		
Aquatic		
<i>Acute</i>		
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)
		420 mg/l, 96 hours Static test
ZINC CITRATE (CAS 546-46-3)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Green algae (Selenastrum capricornutum)
		0.13 mg/l, 24 hours Static test
Crustacea	EC50	Water flea (Daphnia magna)
		0.59 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)
		30.73 mg/l, 96 hours Static test
		Fathead minnow (Adult Pimephales promelas)
		2.09 mg/l, 96 hours Static renewal test
		Mosquito fish (Adult Gambusia affinis)
		439 mg/l, 96 hours Static test
		Rainbow trout (Adult Oncorhynchus mykiss)
		2.1 mg/l, 96 hours Flow-through test

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Photolysis

Half-life (Photolysis-aqueous)

METHYL SALICYLATE 48 Minutes Measured

Half-life (Photolysis-atmospheric)

ANETHOLE 2.02 - 4.9 Hours Estimated

BUTYLATED HYDROXYANISOLE 10.7 Hours Estimated

EUCALYPTOL 1.4 Days Estimated

L-MENTHOL 16 Hours Estimated

METHYL SALICYLATE 5.7 Days Estimated

Hydrolysis

Half-life (Hydrolysis-basic)

METHYL SALICYLATE 3 - 12 Hours Measured

Half-life (Hydrolysis-neutral)

METHYL SALICYLATE 14 - 22 Days Calculated

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

ACESULFAME K 0 - 8 %, 25 days Batch activated sludge (BAS), Activated sludge

CARBOXYMETHYLCELLULOSE 7 %, 28 days Zahn-Wellens, Activated sludge

CITRIC ACID ANHYDROUS 98 %, 2 days Modified Zahn-Wellens, Activated sludge

COCOAMIDOPROPYL BETAINE 97 %, 28 days Modified Zahn-Wellens, DOC removal., Activated sludge

Biodegradability**Percent degradation (Aerobic biodegradation-inherent)**

COCOAMIDOPROPYL BETAINE	99 %, 28 days Modified Zahn-Wellens, DOC removal., Activated sludge
METHYL SALICYLATE	100 %, 7 days 65 %, 5 days BOD5
SODIUM METHYL COCOYL TAURATE	100 %, 28 days Modified Zahn-Wellens, Activated sludge
SUCRALOSE	1 %, 28 days Modified Zahn-Wellens, Activated sludge
TOCOPHERYL ACETATE	84 %, 28 days Modified MITI (II) Test.

Percent degradation (Aerobic biodegradation-ready)

COCOAMIDOPROPYL BETAINE	100 %, 20 Days Modified Sturm test., Activated sludge
DODECYL SODIUM SULFATE	84 %, 30 days Closed bottle test, Activated sludge
L-MENTHOL	95 % OECD 301 B 0 %, 28 days
SODIUM BENZOATE	100 %, 28 days Modified OECD Screening Test (OECD 301E), Sea water
TOCOPHERYL ACETATE	90 %, 7 days Modified Sturm test., Activated sludge 17 %, 28 days Manometric Respirometry Test

Percent degradation (Aerobic biodegradation-soil)

METHYL SALICYLATE	90 %, 9 days BOD
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Percent degradation (Anaerobic biodegradation)

SODIUM BENZOATE	93 %, 7 days Other degradation test system, Mixed Residential/Industrial
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Bioaccumulative potential No data available.

Partition coefficient n-octanol / water (log Kow)

DODECYL SODIUM SULFATE	1.6
EUCALYPTOL	2.74
GLYCERIN	-1.76
L-MENTHOL	3.3
METHYL SALICYLATE	2.55
PROPYL PARABEN	3.04
SODIUM BENZOATE	1.89
TOCOPHERYL ACETATE	12.2 (Calculated).

Bioconcentration factor (BCF)

ANETHOLE	4304 Estimated
L-MENTHOL	1 - 15 Measured, Cyprinus carpio, carp
METHYL SALICYLATE	4 Estimated
SODIUM FLUORIDE	2.3 Measured
ZINC CITRATE	> 1000 Measured

Mobility in soil No data available.

Adsorption**Soil/sediment sorption - log Koc**

ANETHOLE	2.51 - 2.83 Estimated
BUTYLATED HYDROXYANISOLE	3.14 Calculated
L-MENTHOL	3.18 Estimated
METHYL SALICYLATE	2.1 Estimated
SODIUM BENZOATE	1.16 Calculated

Mobility in general Not available.

Volatility**Henry's law**

ANETHOLE	0.000072 atm m ³ /mol Estimated
BUTYLATED HYDROXYANISOLE	0.000001 atm m ³ /mol Calculated
CITRIC ACID ANHYDROUS	< 0 atm m ³ /mol Calculated, 25 °C
EUCALYPTOL	0.00011 atm m ³ /mol, 25 C Estimated
L-MENTHOL	0.000015 atm m ³ /mol Estimated
METHYL SALICYLATE	0.000098 atm m ³ /mol, 25 C Estimated

Distribution**Octanol/water distribution coefficient log DOW**

PROPYL PARABEN	3.04
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Other adverse effects Not available.

13. Disposal considerations

Disposal instructions	Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as a dangerous good.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

SODIUM FLUORIDE (CAS 7681-49-4)	Listed.
SODIUM HYDROXIDE (CAS 1310-73-2)	Listed.
TRISODIUM PHOSPHATE (CAS 7601-54-9)	Listed.
TRISODIUM PHOSPHATE, DODECAHYDRATE (CAS 10101-89-0)	Listed.
ZINC CITRATE (CAS 546-46-3)	Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

QUARTZ (CAS 14808-60-7)	Cancer lung effects immune system effects kidney effects
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Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Acute toxicity (any route of exposure)
Respiratory or skin sensitization

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
POTASSIUM NITRATE	7757-79-1	0 - 5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

GLYCERIN (CAS 56-81-5)

Other Flavoring Substances with OSHA PEL's

US state regulations**California Proposition 65****WARNING:** WARNING: This product contains a chemical known to the State of California to cause cancer.**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

BUTYLATED HYDROXYANISOLE (CAS 25013-16-5) Listed: January 1, 1990

QUARTZ (CAS 14808-60-7) Listed: October 1, 1988

TITANIUM DIOXIDE (CAS 13463-67-7) Listed: September 2, 2011

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

BUTYLATED HYDROXYANISOLE (CAS 25013-16-5)

PROPYL PARABEN (CAS 94-13-3)

QUARTZ (CAS 14808-60-7)

SODIUM HYDROXIDE (CAS 1310-73-2)

TITANIUM DIOXIDE (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	04-27-2018
Revision date	10-08-2018
Version #	50
Further information	HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 1 Instability: 0
References	GSK Hazard Determination
Disclaimer	The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.
Revision information	Product and Company Identification: Synonyms