



SAFETY DATA SHEET

1. Identification

Product identifier

DENTURE CLEANSER TABLETS

Other means of identification

Synonyms

B51008 * MFC51008 * MFC51009 * MFC51010 * MFC51038 * MFC51039 * CANDIDA DUAL-ACTION TABLETS * CANDIDA DUO-AKTIV TABS * COREGA - COREGA TABS DAILY DENTURE CLEANSER ANTIBACTERIAL * COREGA - COREGA TABS FOR PARTIAL PROSTHESIS * COREGA AÇÃO TOTAL PASTILHAS * COREGA ACCIÓN TOTAL LIMPIADOR * COREGA ANTIBACTERIAL CLEANSER FOR PARTIALS CLEAN & PROTECT * COREGA APPARECCHI ORTODONTICI PER BAMBINI * COREGA BIO FORMULA DANTU PROTEZU VALOMOSIOS TABLETÉS * COREGA BIO FORMULA PROTEESIDE PUHASTUSTABLETID * COREGA BIO FORMULA ZOBU PROTĚŽU TÍRŠANAS TABLETES * COREGA BIO-ACTIVE OXIGEN 3 MINUTS * COREGA BLANQUEADOR * COREGA BLANQUEANTE * COREGA CLEAN & PROTECT * COREGA CLEAN & PROTECT ANTIBACTERIAL CLEANER FOR PARTIAL DENTURES * COREGA DENTAL WHITE * COREGA DENTURE CLEANSER TABLETS * COREGA DENTURE CLEANSER TABLETS FOR PARTIALS AND ORTHODONTIC APPLIANCES * COREGA DENTURE CLEANSING TABLETS * COREGA DIŞ PROTEZI TEMIZLEYICI TABLET * COREGA EXTRADENT * COREGA FOR PARTIALS * COREGA FOR PARTIALS - CLEAN AND PROTECT * COREGA FÜR TEIL-ZAHNERSATZ REINIGT&SCHÜTZ * COREGA FÜR TEIL-ZAHNERSATZ REINIGT&SCHÜTZT * COREGA JUNIOR * COREGA LIMPIA Y PROTEGE PARA PRÓTESIS PARCIALES * COREGA LIMPIADOR ANTIBACTERIAL PARA PRÓTESIS PARCIALES - LIMPIA Y * PROTEGE * COREGA LIMPIADOR PARA PRÓTESIS PARCIALES – LIMPIA Y PROTEGE * COREGA NA CIASTOCNE NAHRADY * COREGA NETTOYE & PROTECTION * COREGA PARA PARCIAIS * COREGA PARA PARCIAIS LIMPA E PROTEGE * COREGA PARA PARCIALES LIMPIA Y PROTEGE * COREGA PARTS * COREGA REINIGEN & BESCHERMEN * COREGA TABLETE BIO FORMULA * COREGA TABLETE BIO FORMULA 30 * COREGA TABLETE POMAŽE ODRŽATI BIJELINU * COREGA TABLETE POMAŽE ODRŽATI BIJELINU 30 * COREGA TABLETE ZA ČIŠĆENJE PARCIJALNIH ZUBNIH PROTEZA * COREGA TABLETE ZA PARCIJALNE PROTEZE * COREGA TABLETE ZA PARCIJALNE PROTEZE 30 * COREGA TABLETS * COREGA TABLETS FOR PARTIAL DENTURES * COREGA TABS BLANQUEADOR * COREGA TABS BLANQUEADOR - IMPROVED FORMULATION * COREGA TABS BRANQUEADOR LIMPADOR DIÁRIO DE DENTADURAS * ANTIBACTERIANO (CADASTRO IMPORTADO). * COREGA TABS DANTU PROTEZU VALOMOSIOS TABLETÉS * COREGA TABS DENTAL WEISS * COREGA TABS DENTAL WHITE * COREGA TABS FOR PARTIALS CLEAN & PROTECT * COREGA TABS HAMBAPROTEESIDE PUHASTUSTABLETID * COREGA TABS LIMPADOR DIÁRIO DE DENTADURA ANTIBACTERIANO (CADASTRO NACIONAL) * COREGA TABS MÚFOGSORTISZTÍTÓ TABLETTA RÉSZLEGES MÚFOGSORHOZ * COREGA TABS PARA PRÓTESES PARCIAIS (CADASTRO IMPORTADO) * COREGA TABS WHITENING DAILY DENTURE CLEANSER ANTIBACTERIAL * COREGA TABS ZOBU PROTĚŽU TÍRŠANAS TABLETES * COREGA TISZTÍTÓ TABLETTA RÉSZLEGES MÚFOGSORHOZ ÉS FOGSZABÁLYOZÓHOZ * COREGA WHITENIG DANTU PROTEZU VALOMOSIOS TABLETÉS * COREGA WHITENING MÚFOGSORROGZÍTÓ TABLETTA * COREGA WHITENING PROTEESIDE PUHASTUSTABLETID * COREGA WHITENING ZOBU PROTĚŽU TÍRŠANAS TABLETES * COREGA ZA DELNE PROTEZE * COREGA ТАБЛЕТКИ ЗА ЧАСТИЧНИ ПРОТЕЗИ * POLICARE COMPLETE CARE KIT FOR DENTURES AND PARTIALS (COMPONENT 2 OF 2) * POLIDENT ACTIVE OXYGEN * POLIDENT ANTI-ODOUR (POLIDENT ANTIBACTERIAL) * POLIDENT APPARECCHI ORTODONTICI PER BAMBINI * POLIDENT AZIONE TOTALE * POLIDENT AZIONE TOTALE PULITORE PER PROTESI * POLIDENT BLANQUEADOR * POLIDENT COMBINE OVERNIGHT SOAK DENTURE TABLET * POLIDENT DENTURE CLEANSING TABLET_DUAL EFFECT(NON-STERILE) * POLIDENT FOR PARTIALS ANTIBACTERIAL DENTURE CLEANSER * POLIDENT FOR SMOKERS ANTIBACTERIAL DENTURE CLEANSER * POLIDENT FRAÎCHEUR INTENSE * POLIDENT FRESH IMPACT (POLIDENT ANTIBACTERIAL) * POLIDENT INTENSA FRESCHEZZA * POLIDENT INTENSE FRESH * POLIDENT JUNIOR * POLIDENT NETTOYANT ANTI-BACTÉRIEN * POLIDENT NETTOYANT POUR APPAREIL DENTAIRE PARTIEL * POLIDENT NIGHT DENTURE CLEANSER * POLIDENT OXÍGENO ACTIVO * POLIDENT PULISCE & PROTEGGE COMPRESSE PER PONTI MOBILI * POLIDENT PURETÉ INTÉGRALE * POLIDENT TOTAL PURITY * POLIDENT TRIPLA FRESCHEZZA * POLIDENT TRIPLE FRESH * POLIDENT WHITENING * POLIDENT WHITENING DENTURE CLEANSER * POLIGRIP FOR PARTIALS CLEAN & PROTECT DENTURE CLEANSING TABLETS * POLIGRIP OVERNIGHT WHITENING DAILY CLEANSER * POLIGRIP TOTAL CARE

Recommended use of the chemical and restrictions on use

Recommended use Medical Device
Restrictions on use No other uses are advised.

Details of manufacturer or importer

Company name GlaxoSmithKline Australia Phamaceuticals and Vaccines
Address: 1061 Mountain Highway
Melbourne, Victoria 3155
Australia
Telephone: (03) 9721 6000 (General Inquiries)

Address: GlaxoSmithKline Australia Consumer Healthcare
82 Hughes Avenue
Ermington NSW 2115
Australia
Telephone: 1800 028 533 or (02) 9684 0888 (General Inquiries)

Email: msds@gsk.com
Website: www.gsk.com

EMERGENCY CONTACTS

Telephone: VERISK 3E GLOBAL INCIDENT RESPONSE
+(61) 1 800 686 951 (In country)
+(61) 2 8036 3166 (In country)
+(1) 760 476 3971 (International)
24/7; multi-language response

Contract Number: 334878

2. Hazard(s) identification**Classification of the hazardous chemical**

Physical hazards	Not classified.	
Health hazards	Acute toxicity, inhalation	Category 4
	Serious eye damage/eye irritation	Category 2
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3

Label elements, including precautionary statements**Hazard symbol(s)**

Exclamation mark

Signal word

Warning

Hazard statement(s)

Causes serious eye irritation. Harmful to aquatic life.

Precautionary statement(s)**Prevention**

Wash hands thoroughly after handling. Avoid release to the environment.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage

Not available.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classificationCauses serious eye irritation.
See section 11 of the SDS for additional information on health hazards.

Supplemental information

100 % of the mixture consists of component(s) of unknown acute dermal toxicity. 76.7 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 79.21 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients**Mixture**

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
PVP/VA S-630 COPOLYMER PVP - VA POLY(VINYL ACETATE-CO-VINYLPYRROLIDONE) VINYLPYRROLIDON-VINYLACETAT-COPOLYMER PVP/VA S-630 COPOLYMER ACETIC ACID, ETHENYL ESTER, POLYMER WITH 1-ETHENYL-2-PYRROLIDINONE POLYVINYLPYRROLIDONE-VINYL ACETATE COPOLYMER VINYLPYRROLIDONE/VINYL ACETATE COPOLYMER PVP/VA S-630 KOLLIDON VA 64 POLYVISCOL VA64 PLASDONE S-630	25086-89-9	1 - < 2
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	24 - 39
CITRIC ACID ANHYDROUS BETA-HYDROXYTRICARBALLYLIC ACID ANHYDROUS CITRIC ACID 2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID CITIRIC ACID	77-92-9	18 - 20
POTASSIUM CAROATE OXONE MONOPERSULFATE COMPOUND - PS16 POTASSIUM MONOPERSULFATE PENTAKALIUM-BIS(PEROXYMONOSULFAT)-BIS(SULFAT) POTASSIUM PEROXYMONOSULFATE	70693-62-8	12 - 16
SODIUM PERCARBONATE CARBONIC ACID DISODIUM SALT, COMPD. WITH HYDROGEN PEROXIDE (H2O2) CARBONIC ACID DISODIUM SALT, COMPD. WITH HYDROGEN PEROXIDE (2:3) PERDOX PEROXY SODIUM CARBONATE SODIUM CARBONATE PEROXIDE	15630-89-4	8 - 20
Sodium carbonate CARBONIC ACID, DISODIUM SALT BISODIUM CARBONATE DISODIUM CARBONATE soda ash	497-19-8	9.6

Polyethylene glycol	25322-68-3	2.5
ETHYLENE GLYCOL HOMOPOLYMER ETHYLENE GLYCOL POLYMER ETHYLENE OXIDE POLYMER ETHYLENE POLYOXIDE POLY(ETHYLENE OXIDES) POLY(ETHYLENE ETHER) GLYCOL 1,2-ETHANEDIOL, MONOPOLYMER Polyethylene oxide CARBOWAX PEG PEG-100 PEG-4 PEG-40 MACROGOL		
SODIUM BENZOATE	532-32-1	2.5
Benzoic acid, sodium salt BENZOATE OF SODA SODIUM BENZOIC ACID		
SODIUM LAURYL SULFOACETATE (SLSA)	1847-58-1	0 - 1.5
SODIUM LAURYL SULFOACETATE LANTHANOL LAL NATRIUM-2-(DODECYLOXY)-2-OXOETHAN-1-SULFONAT		
SUBTILISIN	9014-01-1	0 - 1.5
ALCALASEAXATASE MP ALK-ENZYME ALPHA AMYLASE BIOPRASE COLISTINASE EVERLASE PROTEIN DECOMPOSING ENZYMES PROTEOLYTIC ENZYME		
PEPPERMINT OIL	8006-90-4	0.3 - 0.8
OILS, PEPPERMINT OIL OF PEPPERMINT ESSENTIAL OILS, MENTHA PIPERITA ESSENTIAL PEPPERMINT OIL PEPPERMINT LEAF OIL PEPPERMINT TERPENES PEPPERMINT OIL (MENTHA PIPERITA) PEPPERMINT OIL (PEPPERMINT AMERICAN, MENTHA PIPERITA)		
CORN MINT OIL TERPENELESS	68917-18-0	0 - 0.3
CORN MINT OIL (MENTHA ARVENSIS OIL) MENTHA ARVENSIS OIL (CORN MINT) MENTHA OIL		
OIL OF SPEARMINT	8008-79-5	0 - 0.3
OILS, SPEARMINT CURLED MINT OIL Spearmint Oil		
L-MENTHOL	2216-51-5	0 - 0.2
CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, (1R-(1ALPHA,2BETA,5ALPHA))- (1R-(1ALPHA,2BETA,5ALPHA))-5-METHYL-2-(1-METHYLETHYL)-CYCLOHE XANOL LEVOMENTHOL MENTHOL CHIRAL (L)-MENTHOL (1R,2S,5R)-5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANOL (1R,2S,5R)-(-)-Menthol (-)-MENTHOL		

SODIUM NITRITE Nitrous acid, sodium salt NITROUS ACID SODIUM SALT(1:1) ALKALI METAL NITRITES RTECS RA1225000 DIAZOTISING SALTS GI148746X SODIO NITRITE SODIO NITRITO	7632-00-0	0 - 0.2
FD AND C BLUE NO. 1 ALUMINUM LAKE BENZENEMETHANAMINIUM, N-ETHYL-N-(4-((4-(ETHYL((3-SULFOPHENYL) 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 - 0.04
FD&C YELLOW NO. 5 C.I. ACID YELLOW 23 C.I. 19140 C.I. FOOD YELLOW 4 TARTRAZINE YELLOW 5 FD AND C YELLOW NO. 5 EGG YELLOW A LAKE YELLOW LEMON YELLOW A TARTRAN YELLOW TARTRAZIN YELLOW LAKE 69 FD&C YELLOW NO. 5 (TARTRAZINE) ACID YELLOW 23	1934-21-0	0 - 0.03
Other components below reportable levels		0.1 - < 3

4. First-aid measures

Description of necessary first aid measures

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop. If breathing is difficult, trained personnel should give oxygen.
Skin contact	Take off contaminated clothing and wash before reuse. Immediately flush skin with plenty of water. Get medical attention if symptoms occur.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do not induce vomiting without advice from poison control center.

Personal protection for first-aid responders Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Symptoms caused by exposure Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Medical attention and special treatment No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the local poison control information centre.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Water. Foam. Dry chemical powder. Carbon dioxide (CO2).
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 fire fighters	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.
Hazchem code	None.
General fire hazards	No unusual fire or explosion hazards noted.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear appropriate personal protective equipment.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment.

Methods and materials for containment and cleaning up Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Keep out of the reach of children. Store in original tightly closed container.

8. Exposure controls and personal protection

Control parameters Follow standard monitoring procedures.

Occupational exposure limits

GSK Components	Type	Value	Form
CITRIC ACID ANHYDROUS (CAS 77-92-9)	8 HR TWA	5000 mcg/m3	
FD&C YELLOW NO. 5 (CAS 1934-21-0)	OHC	1	PROVISIONAL
L-MENTHOL (CAS 2216-51-5)	OHC	1	>1000 - </=5000 mcg/m3 SKIN
POTASSIUM CAROATE (CAS 70693-62-8)	OHC	3	>10 - </=100 mcg/m3
PVP/VA S-630 COPOLYMER (CAS 25086-89-9)	OHC	2	>100 - </=1000 mcg/m3
SODIUM BENZOATE (CAS 532-32-1)	8 HR TWA	5000 mcg/m3	
SODIUM BICARBONATE (CAS 144-55-8)	OHC	1	>1000 - </=5000 mcg/m3
Sodium carbonate (CAS 497-19-8)	OHC	1	>1000 - </=5000 mcg/m3
SODIUM LAURYL SULFOACETATE (SLSA) (CAS 1847-58-1)	OHC	2	
SODIUM NITRITE (CAS 7632-00-0)	8 HR TWA	100 mcg/m3	
	OHC	3	

GSK Components	Type	Value	Form
SODIUM PERCARBONATE (CAS 15630-89-4)	OHC	1	1000 - \leq 5000 mcg/m ³ CORROSIVE
SUBTILISIN (CAS 9014-01-1)	OHC	5	SKIN SENSITISER
		5	RESPIRATORY SENSITISER

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)	TWA	2 mg/m ³

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)	TWA	2 mg/m ³

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)	TWA	1 mg/m ³	Respirable fraction.
SUBTILISIN (CAS 9014-01-1)	Ceiling	0.00006 mg/m ³	

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)	TWA	2 mg/m ³
SUBTILISIN (CAS 9014-01-1)	TWA	0.00004 mg/m ³

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
CITRIC ACID ANHYDROUS (CAS 77-92-9)	TWA	2 mg/m ³	Inhalable fraction.
Polyethylene glycol (CAS 25322-68-3)	TWA	200 mg/m ³	Inhalable fraction.

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls General ventilation normally adequate.

Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection Not normally needed. If contact is likely, safety glasses with side shields are recommended. (e.g. EN 166). Eye wash fountain is recommended.

Skin protection

Hand protection Wear suitable gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Select suitable chemical resistant protective gloves (EN 374) with a protective index 6 (>480min permeation time).

Other Not normally needed. Wear suitable protective clothing. (EN 14605 for splashes, EN ISO 13982 for dust).

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. Where breathable aerosols/dust are formed, use suitable combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (eg. EN 14387).

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures 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 Solid.
Form Tablet.
Colour Not available.

Odour Not available.

Odour threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point Not available.

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.

Vapour pressure Not available.

Vapour 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 No dangerous reaction known under conditions of normal use.

Conditions to avoid Contact with incompatible materials.

Incompatible materials Strong oxidising agents.

Hazardous decomposition products No hazardous decomposition products are known. Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

11. Toxicological information

Information on possible routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Health injuries are not known or expected under normal use. Prolonged skin contact may cause temporary irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Health injuries are not known or expected under normal use.

Symptoms related to exposure Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Acute toxicity Based on available data, the classification criteria are not met.

Components	Species	Test Results
CITRIC ACID ANHYDROUS (CAS 77-92-9)		
<u>Acute</u>		
Oral		
LD50	Rat	11700 mg/kg
CORN MINT OIL TERPENELESS (CAS 68917-18-0)		
<u>Acute</u>		
Oral		
<i>Liquid</i>		
LD50	Rat	1240 mg/kg
FD AND C BLUE NO. 1 ALUMINUM LAKE (CAS 68921-42-6)		
<u>Acute</u>		
Oral		
LD50	Rat	> 2000 mg/kg
FD&C YELLOW NO. 5 (CAS 1934-21-0)		
<u>Acute</u>		
Oral		
LD50	Mouse	12750 mg/kg
L-MENTHOL (CAS 2216-51-5)		
<u>Acute</u>		
Oral		
LD50	Rat	2400 mg/kg
OIL OF SPEARMINT (CAS 8008-79-5)		
<u>Acute</u>		
Oral		
LD50	Rat	5000 mg/kg
PEPPERMINT OIL (CAS 8006-90-4)		
<u>Acute</u>		
Oral		
LD50	Rat	2426 mg/kg
Polyethylene glycol (CAS 25322-68-3)		
<u>Acute</u>		
Oral		
LD50	Rat	10000 mg/kg
POTASSIUM CAROATE (CAS 70693-62-8)		
<u>Acute</u>		
Oral		
LD50	Rat	2000 mg/kg

Components	Species	Test Results
PVP/VA S-630 COPOLYMER (CAS 25086-89-9)		
Acute		
Oral		
LD50	Rat	> 630 mg/kg 5000 mg/kg
SODIUM BENZOATE (CAS 532-32-1)		
Acute		
Oral		
LD50	Rat	2000 mg/kg
SODIUM BICARBONATE (CAS 144-55-8)		
Acute		
Oral		
LD50	Rat	>= 7300 mg/kg 4220 - 8290 mg/kg
Sodium carbonate (CAS 497-19-8)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
<i>Aerosol</i>		
LC50	Rat	2300 mg/m ³ , 2 Hours
LC50	Rat	2.3 mg/l, 2 Hours
Oral		
LD50	Rat	2800 mg/kg
SODIUM LAURYL SULFOACETATE (SLSA) (CAS 1847-58-1)		
Acute		
Oral		
LD50	Rat	700 mg/kg
SODIUM NITRITE (CAS 7632-00-0)		
Acute		
Oral		
LD50	Rat	180 mg/kg
SODIUM PERCARBONATE (CAS 15630-89-4)		
Acute		
Oral		
LD50	Rat	1034 mg/kg
SUBTILISIN (CAS 9014-01-1)		
Acute		
Oral		
LD50	Rat	2000 mg/kg

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

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Corrosivity

PEPPERMINT OIL

Literature search

Result: Positive

PVP/VA S-630 COPOLYMER

Literature search, BASF Test Data

Result: Non-irritant

Species: Rabbit

SODIUM BENZOATE

OECD 404

Result: Negative

Species: Rabbit

Irritation Corrosion - Skin: P.I.I. value
CITRIC ACID ANHYDROUS

OECD 404
Result: Mild to moderate irritant.
Species: Rabbit

Serious eye damage/irritation Not available.

Eye

SODIUM BENZOATE

Acute ocular irritation; OECD 405
Result: Mild irritant
Species: Rabbit

Sodium carbonate

Acute ocular irritation; OECD 405
Result: Moderate Irritant
Species: Rabbit

CITRIC ACID ANHYDROUS

Acute ocular irritation; OECD 405
Result: Severe Irritant
Species: Rabbit

PEPPERMINT OIL

Literature search
Result: Mild/moderate Irritant

PVP/VA S-630 COPOLYMER

Literature search, BASF Test Data
Result: Non-irritant
Species: Rabbit

Respiratory or skin sensitisation

Respiratory sensitisation Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin sensitisation Based on available data, the classification criteria are not met.

Sensitisation

PEPPERMINT OIL

Literature search
Result: Positive

SODIUM BENZOATE

local lymph node assay
Result: Negative
Species: Mouse

PVP/VA S-630 COPOLYMER

Maximisation assay (Magnusson and Kligman); OECD 406,
BASF Test Data
Result: Negative
Species: Guinea pig

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Mutagenicity

PVP/VA S-630 COPOLYMER

Ames Assay
Result: Negative

SODIUM BENZOATE

Ames
Result: Negative
Chromosomal aberration assay
Result: Negative
Species: Rat

Carcinogenicity Based on available data, the classification criteria are not met.

PVP/VA S-630 COPOLYMER

12 month bioassay
Result: Negative
Species: Dog

SODIUM BENZOATE

2 year bioassay
Result: Negative
Species: Rat
2 year study, Male + Female
Result: Negative - dietary
Species: Rat

ACGIH Carcinogens

FD AND C BLUE NO. 1 ALUMINUM LAKE
(CAS 68921-42-6)

A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

SODIUM NITRITE (CAS 7632-00-0)

2A Probably carcinogenic to humans.

Reproductive toxicity Based on available data, the classification criteria are not met. Contains no ingredient listed as toxic to reproduction

Reproductivity

SODIUM BENZOATE

Embryofetal Development
Result: Negative

Reproductivity
SODIUM BENZOATE

Reproduction/Fertility Study
Result: Negative
Species: Rat

Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Other information	May cause allergic respiratory and skin reactions.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
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
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
SODIUM BENZOATE (CAS 532-32-1)		
Aquatic		
<i>Acute</i>		
Crustacea	EC50	Water flea (Daphnia magna) > 100 mg/l, 96 hours Static test
Fish	EC50	Fathead minnow (Juvenile Pimephales promelas) 484 mg/l, 96 hours flow-through test
SODIUM BICARBONATE (CAS 144-55-8)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Algae (Nitscheria linearis) 650 mg/l, 5 days
Crustacea	EC50	Water flea (Daphnia magna) 2350 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus) 8250 - 9000 mg/l, 96 hours Static test
		Mosquito fish (Adult Gambusia affinis) 7550 mg/l, 96 hours Static test
Sodium carbonate (CAS 497-19-8)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Green algae (Selenastrum capricornutum) > 800 mg/l

Components		Species	Test Results
Crustacea	EC50	Water flea (Daphnia magna)	265 mg/l, 48 hours Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)	300 mg/l, 96 hours Static test
		Fathead minnow (Juvenile Pimephales promelas)	< 850 mg/l, 96 hours Static test
		Mosquito fish (Adult Gambusia affinis)	740 mg/l, 96 hours Static test

SUBTILISIN (CAS 9014-01-1)

Aquatic

Acute

Fish	EC50	Guppy (Juvenile Poecilia reticulata)	25 mg/l, 24 hours Static test
		Rainbow trout (Adult Oncorhynchus mykiss)	5 mg/l, 24 hours Static 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-Atmospheric)

L-MENTHOL 16 Hours Estimated

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

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

Percent Degradation (Aerobic Biodegradation-Ready)

L-MENTHOL 0 %, 28 days
SODIUM BENZOATE 100 %, 28 days Modified OECD Screening Test (OECD 301E), Sea water
90 %, 7 days Modified Sturm test., Activated sludge

Percent degradation (Anaerobic biodegradation)

SODIUM BENZOATE 93 %, 7 days Other degradation test system, Mixed Residential/Industrial

Bioaccumulative potential No data available for this product.

Partition coefficient

n-octanol / water (log Kow)

L-MENTHOL 3.3
SODIUM BENZOATE 1.89
-2.27

Bioconcentration factor (BCF)

L-MENTHOL 1 - 15 Measured, Cyprinus carpio, carp

Mobility in soil No data available for this product.

Adsorption

Soil/Sediment Sorption - Log Koc

L-MENTHOL 3.18 Estimated
SODIUM BENZOATE 1.16 Calculated

Volatility

Henry's law

CITRIC ACID ANHYDROUS < 0 atm m³/mol Calculated, 25 °C
L-MENTHOL 0.000015 atm m³/mol Estimated

Other adverse effects Not available.

13. Disposal considerations

Disposal methods

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste

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 Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

ADG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

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

Safety, health and environmental regulations

National regulations All ingredients in this product are listed on the Australian Inventory of Chemical Substances (AICS) or are exempt.

This product is a cosmetic.

Australia Medicines & Poisons Appendix A

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix B

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix D

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix E

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix F

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix G

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix H

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix I

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix J

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix K

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 10

Sodium carbonate (CAS 497-19-8)

Australia Medicines & Poisons Schedule 2

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 3

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 4

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 5

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 6

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 7

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 8

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 9

Poisons schedule number not allocated.

High Volume Industrial Chemicals (HVIC)

Not listed.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations**Stockholm Convention**

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

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Further information HMIS® is a registered trade and service mark of the ACA.

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
Transport Information: Material Transportation Information