SAFETY DATA SHEETS

This SDS packet was issued with item:

074489175

N/A

SAFETY DATA SHEET



1. Identification

Product identifier BIOTENE MOUTHWASH

Other means of identification

Synonyms MFC: LACLEDE 30600064L BIOTENE DRY MOUTH ORAL RINSE * MFC02600 BIOTENE

REGULAR MOUTHWASH EU * MFC04360 BIOTENE PBF ORAL RINSE / MOUTH WASH WITH OPTAMINT FRUITY BUBBLE * MFC 04301 * MFC 04302 * MFC 04304 * BIOTENE PBF MOUTHWASH * FORMULATION CODE 30602574L * BIOTENE ORIGINAL MOUTHWASH (OPTAMINT PEPPERMINT) * BIOTENE FLAVOUR FREE MOUTHWASH * BIOTENE

MOUTHWASH 95% BASE * BIOTENE DRY MOUTH MOUTHWASH * BIOTENE ORIGINAL ORAL RINSE / MOUTH WASH (S. AROMA CLINICAL) * BIOTENE ORIGINAL FLAVOUR FREE ORAL RINSE / MOUTH WASH (S. AROMA CLINICAL) * BIOTENE ORIGINAL ORAL RINSE / MOUTH

WASH - 95% BASE (S. AROMA CLINICAL) * ORAL CARE, FORMULATED PRODUCT

Recommended use Oral Care **Recommended restrictions** None known.

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

VERISK 3E GLOBAL INCIDENT RESPONSE

Telephone: +(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

Material name: BIOTENE MOUTHWASH

Chemical name	Common name and synonyms	CAS number	%
PROPYLENE GLYCOL	1,2-PROPANEDIOL 1,2-DIHYDROXYPROPANE 2-HYDROXYPROPANOL ISOPROPYLENE GLYCOL METHYLETHYLENE GLYCOL MONOPROPYLENE GLYCOL MONOPROPYLENE GLYCOL 2,3-PROPANEDIOL ALPHA-PROPYLENE GLYCOL 1,2-PROPYLENE GLYCOL (RS)-1,2-PROPANEDIOL 1,2-(RS)-PROPANEDIOL 1,2-PROPANDIOL DL-1,2-PROPANEDIOL DL-1,2-PROPANEDIOL DL-1,2-PROPANEDIOL DL-PROPYLENE GLYCOL PROPANE-1,2-DIOL (PROPYLENE GLYCOL) PROPANE-1-2-DIOL PROPANEDIOL,1,2-	57-55-6	3 - 14
XYLITOL	D-XYLITOL 1,2,3,4,5-PENTAHYDROXYPENTANE KLINIT KYLIT XYLITE XYLITON BP-706	87-99-0	7 - 8
GLYCEROL	GLYCERINE 1,2,3-PROPANETRIOL GLYCYL ALCOHOL TRIHYDROXYPROPANE 1,2,3-TRIHYDROXYPROPANE GLYCERIN, ANHYDROUS GLYCERIN 1,2,3-PROPANTRIOL	56-81-5	0 - 10
HYDROXYETHYL CELLULOSE	CELLULOSE, 2-HYDROXYETHYL ETHE R CELLOSIZE 2-HYDROXYETHYL ETHER CELLULOS E NATROSOL 2-HYDROXYETHYL CELLULOSE HYDROXYETHYL ETHER CELLULOSE CELLULOSE HYDROXYETHYLATE CELLULOSE HYDROXYETHYL ETHER OHS80130 RTECS FJ5958000 NATROSOL 250G NATROSOL 250M	9004-62-0	<1
SODIUM BENZOATE	BENZOIC ACID, SODIUM SALT BENZOATE OF SODA SODUIM BENZOIC ACID	532-32-1	0.5
MUTANASE			0 - 0.2
OPTAMINT FRUITY BUBBLE MW		Unassigned	< 0.2

413027

Chemical name	Common name and synonyms	CAS number	%
BENZOIC ACID	BENZENECARBOXYLIC ACID BENZENEMETHANOIC ACID BENZENEFORMIC ACID BENZOATE CARBOXYBENZENE DRACYLIC ACID PHENYL CARBOXYLIC ACID PHENYLFORMIC ACID PHENYLFORMIC ACID PHENYLCARBOXYLIC ACID E 210 HA 1 HA 1(ACID) RETARDEX RETARDEX RETARDER BA SOLVO POWDER TENN-PLAS OHS02720 RTECS DG0875000	65-85-0	< 0.1
CALCIUM LACTATE	PROPANOIC ACID, 2-HYDROXY-, CALCIUM SALT (2:1) LACTIC ACID (2:1), CALCIUM SALT 2-HYDROXYPROPANOIC ACID, CALCIUM SALT (2:1) CALCIUM 2-HYDROXYPROPIONATE CALCIUM LACTATE, ANHYDROUS CALPHOSAN	814-80-2	< 0.1
DEXTRANASE		9025-70-1	0 - 0.1
GLUCOSE OXIDASE		9001-37-0	< 0.1
LACTOFERRIN			< 0.1
LACTOPEROXIDASE	peroxydase	9003-99-0	< 0.1
LYSOZYME			< 0.1
METHYL PARABEN	GR30517X METHYL P-HYDROXYBENZOATE P-HYDROXYBENZOIC ACID, METHYL ESTER 4-HYDROXYBENZOIC ACID, METHYL ESTER METHYL P-OXYBENZOATE METHYL PARAHYDROXYBENZOATE	99-76-3	0 - 0.1
POTASSIUM THIOCYANATE	POTASSIUM ISOTHIOCYANATE THIOCARA PHODA-NIDE POTASSIUM SULFOCYANATE POTASSIUM RHODANIDE POTASSIUM RHODANATE ATERO-CYN ARTEROCYN KYONATE RHOCYN RODANCA P-317 OHS19640 RTECS XL1925000 166 (GW ACN)	333-20-0	< 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 P-HYDROXYPROPYL BENZOATE Propyl 4-hydroxybenzoate Propyl Parahydroxybenzoate	94-13-3	0 - 0.1
SODIUM PHOSPHATE, MONOBASIC	MONOSODIUM PHOSPHATE SODIUM DIHYDROGEN PHOSPHATE MONOSODIUM DIHYDROGEN PHOSPHATE SODIUM BIPHOSPHATE MONOSODIUM ORTHOPHOSPHATE PHOSPHORIC ACID, MONOSODIUM SALT MONOBASIC SODIUM PHOSPHATE MONOSODIUM HYDROGEN PHOSPHATE SODIUM DIPHOSPHATE ANHYDROUS SODIUM PRIMARY PHOSPHATE SODIUM PHOSPHATE	7558-80-7	< 0.1
ZINC GLUCONATE	BIS(D-GLUCONATO-O(SUP1),O(SUP2)Z INC ZINC, BIS(D-GLUCONATO-O(SUP1),O(SUP2) GLUCONAL ZN ZINC, BIS(D-GLUCONATO-O(1),O(2))- ZYMIZINC GLUCONIC ACID, ZINC SALT D-GLUCONIC ACID, ZINC COMPLEX	4468-02-4	< 0.1

Other components below reportable levels

4. First-aid measures

Move to fresh air. If breathing is difficult, trained personnel should give oxygen. Call a physician if Inhalation

symptoms develop or persist. Under normal conditions of intended use, this material is not

expected to be an inhalation hazard.

Skin contact Immediately flush skin with plenty of water. Take off contaminated clothing and wash before reuse.

Get medical attention if symptoms occur.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed, rinse mouth with water (only if the person is conscious). If ingestion of a large Ingestion

amount does occur, call a poison control center immediately. Do not induce vomiting without

advice from poison control center.

Most important

symptoms/effects, acute and

delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special

treatment needed

General information

additional guidance, refer to the current prescribing information or to the local poison control information center. In the case of accident or if you feel unwell, seek medical advice immediately (show the label

No specific antidotes are recommended. Treat according to locally accepted protocols. For

where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing

Foam. Dry chemical powder. Carbon dioxide (CO2).

Water.

media

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

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 damaged containers or spilled material unless wearing appropriate protective clothing. 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. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. 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.

7. Handling and storage

Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. No special control measures required for the normal handling of this product. Avoid prolonged exposure. Use care in handling/storage.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in original tightly closed container.

8. Exposure controls/personal protection

Occupational exposure limits

GSK			
Components	Туре	Value	Note
BENZOIC ACID (CAS 65-85-0)	OHC	2	PROVISIONAL
CALCIUM LACTATE (CAS 814-80-2)	8 HR TWA	5000 mcg/m3	
	OHC	1	
HYDROXYETHYL CELLULOSE (CAS 9004-62-0)	OHC	2	>100 - =1000 mcg/m3<br PROVISIONAL
POTASSIUM THIOCYANATE (CAS 333-20-0)	8 HR TWA	5000 mcg/m3	
	OHC	1	
PROPYL PARABEN (CAS 94-13-3)	8 HR TWA	5000 mcg/m3	
	OHC	1	
SODIUM BENZOATE (CAS 532-32-1)	8 HR TWA	5000 mcg/m3	
SODIUM PHOSPHATE, MONOBASIC (CAS 7558-80-7)	OHC	1	
XYLITOL (CAS 87-99-0)	OHC	1	>1000 - =5000 mcg/m3</td
ZINC GLUCONATE (CAS 4468-02-4)	OHC	2	

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US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Туре	Value	Form
GLYCEROL (CAS 56-81-5)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
US. Workplace Environmental Exp	oosure Level (WEEL) Guides		
Components	Туре	Value	Form
PROPYLENE GLYCOL	TWA	10 mg/m3	Aerosol.

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

Exposure guidelines

(CAS 57-55-6)

Appropriate engineering

controls

General ventilation normally adequate.

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.

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. Use a NIOSH/MSHA approved

respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

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 Bottle.

Color Not available.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling Not available.

range

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

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 densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

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Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature Not available. **Decomposition temperature** Not available. **Viscosity** Not available.

Other information

Not explosive. **Explosive properties** Oxidizing properties Not oxidizing.

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. Hazardous polymerization does not occur. Possibility of hazardous

reactions

Keep away from heat, sparks and open flame. Contact with incompatible materials. Conditions to avoid

Incompatible materials Strong oxidizing agents.

None known. Irritating and/or toxic fumes and gases may be emitted upon the product's **Hazardous decomposition**

decomposition. products

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 Health injuries are not known or expected under normal use.

Eve contact Health injuries are not known or expected under normal use. Direct contact with eyes may cause

temporary irritation.

Health injuries are not known or expected under normal use. However, ingestion is not likely to be Ingestion

a primary route of occupational exposure.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Expected to be a low hazard for usual industrial or commercial handling by trained personnel. **Acute toxicity**

Components **Species Test Results**

METHYL PARABEN (CAS 99-76-3)

Acute Oral

LD50 Mouse > 8 g/kg

PROPYL PARABEN (CAS 94-13-3)

Acute Oral

LD50 Rat > 2000 mg/kg

SODIUM BENZOATE (CAS 532-32-1)

Acute Oral

LD50 Rat 2000 mg/kg

SODIUM PHOSPHATE, MONOBASIC (CAS 7558-80-7)

Acute

Oral

LD50 Rat 8290 mg/kg

ZINC GLUCONATE (CAS 4468-02-4)

Acute Oral

LD50 Mouse > 1290 mg/kg

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Test Results Components **Species**

> Rat > 5000 mg/kg

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

Skin corrosion/irritation Health injuries are not known or expected under normal use.

Corrosivity

SODIUM BENZOATE OECD 404

Result: Negative Species: Rabbit

Irritation Corrosion - Skin: P.I.I. value

ZINC GLUCONATE

Serious eye damage/eye irritation

Health injuries are not known or expected under normal use. Direct contact with eyes may cause

temporary irritation.

Eve

SODIUM BENZOATE Acute ocular irritation; OECD 405

> Result: Mild irritant Species: Rabbit

Respiratory or skin sensitization

Respiratory sensitization No studies have been conducted.

Skin sensitization None known. This product is not expected to cause skin sensitization.

Buehler test

BENZOIC ACID Result: Negative

Species: Guinea pig

Maximisation assay (Magnusson and Kligman)

BENZOIC ACID Result: Negative

Species: Guinea pig

Sensitization

SODIUM BENZOATE Local lymph node assay

> Result: Negative Species: Mouse

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

Chromosomal aberration assay

Result: Negative Species: Rat

Carcinogenicity Not classifiable as to carcinogenicity to humans. Carcinogenic effects are not expected as a result

of occupational exposure.

SODIUM BENZOATE 2 year study, Male + Female

Result: Negative - dietary

Species: Rat

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity Contains no ingredient listed as toxic to reproduction.

Reproductivity

SODIUM BENZOATE **Embryofetal Development**

Result: Negative

Reproduction/Fertility Study

Result: Negative Species: Rat

Specific target organ toxicity -

single exposure

Not assigned.

Not assigned. Specific target organ toxicity -

repeated exposure

Aspiration hazard Not established.

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

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
BENZOIC ACID (CAS	65-85-0)		
Acute			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Aquatic			
Acute			
Algae	EC50	Green algae (Scenedesmus quadricauda)	> 10 mg/l, 14 days Static test
Crustacea	EC50	Water flea (Daphnia magna)	500 mg/l, 24 hours
Fish	EC50	Mosquito fish (Juvenile Gambusia affinis)	180 mg/l, 96 hours Static test
Microtox	EC50	Microtox	16.9 mg/l, 30 minutes
METHYL PARABEN (CAS 99-76-3)		
Aquatic	,		
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	11.2 mg/l, 48 hours
Fish	LC50	Medaka, high-eyes (Oryzias latipes)	59.5 mg/l, 96 hours
Chronic			
Crustacea	NOEC	Water flea (Daphnia magna)	0.2 mg/l, 21 days OECD 211
ROPYLENE GLYCO	L (CAS 57-55-6)		
Acute			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Aquatic			
Acute			
Algae	EC50	Green algae (Selenastrum capricornutum)	19000 mg/l, 14 days
	NOEC	Green algae (Selenastrum capricornutum)	15000 mg/l, 14 days
Crustacea	EC50	Daphnia	43500 mg/l, 48 hours
	NOEC	Daphnia	28500 mg/l, 48 hours
Fish	EC50	Fathead minnow (Adult Pimephales promelas)	51400 mg/l, 96 hours Static test
		Rainbow trout (Adult Oncorhyncus mykiss)	51600 mg/l, 96 hours Static test
	NOEC	Fathead minnow (Adult Pimephales promelas)	41000 mg/l, 96 hours Static test
		Rainbow trout (Adult Oncorhyncus mykiss)	42000 mg/l, 96 hours Static test
Microtox	EC50	Microtox	51400 mg/l, 30 minutes
SODIUM BENZOATE	(CAS 532-32-1)		
Aquatic	•		
Acute			
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

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Components Species Test Results

SODIUM PHOSPHATE, MONOBASIC (CAS 7558-80-7)

Aquatic

Acute

Fish EC50 Golden ide/orfe (Adult Leuciscus idus) > 2400 mg/l, 48 hours Static test

Mosquito fish (Adult Gambusia affinis) 186 mg/l, 96 hours Static test

Persistence and degradability

Photolysis

Half-life (Photolysis-aqueous)

PROPYLENE GLYCOL 1.3 - 2.3 Years Estimated

Half-life (Photolysis-atmospheric)

BENZOIC ACID < 2 Days Estimated PROPYLENE GLYCOL 32 Hours Estimated

UV/visible spectrum wavelength

BENZOIC ACID 279 nm

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

BENZOIC ACID > 90 %, 2 days Modified Zahn-Wellens, Activated sludge

PROPYLENE GLYCOL 62 %, 5 days BOD5, Activated sludge 79 %, 20 Days BOD20, Activated sludge

XYLITOL 82 %, 14 days BOD 14, Activated sludge

Percent degradation (Aerobic biodegradation-ready)

METHYL PARABEN 89 % , 28 days, OECD 301B

SODIUM BENZOATE 100 %, 28 days Modified OECD Screening Test (OECD

301E), Sea water

90 %, 7 days Modified Sturm test., Activated sludge

Percent degradation (Aerobic biodegradation-soil)

BENZOIC ACID 50 %, 7 days

Percent degradation (Anaerobic biodegradation)

PROPYLENE GLYCOL 100 %, 9 days

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

Residential/Industrial

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

 BENZOIC ACID
 1.87

 GLYCEROL
 -1.76

 METHYL PARABEN
 1.96

 PROPYL PARABEN
 3.04

 PROPYLENE GLYCOL
 -1.35

 SODIUM BENZOATE
 1.89

Bioconcentration factor (BCF)

PROPYLENE GLYCOL < 1 Estimated

Mobility in soil

Adsorption

Soil/sediment sorption - log Koc

BENZOIC ACID 2.26 Measured SODIUM BENZOATE 1.16 Calculated

Mobility in general

Volatility

Henry's law

BENZOIC ACID 0 atm m^3/mol Estimated PROPYLENE GLYCOL 0 atm m^3/mol Estimated

Distribution

Octanol/water distribution coefficient log DOW

PROPYL PARABEN 3.04

Other adverse effects Not available.

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

13. Disposal considerations

Disposal instructionsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not

discharge into drains, water courses or onto the ground. Dispose in accordance with all applicable

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

Contaminated packaging

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). Avoid discharge into water courses or onto the ground.

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

disposal.

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 Not established.

Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

US federal regulations

Toxic Substances Control Act (TSCA)

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

BENZOIC ACID (CAS 65-85-0) Listed.
ZINC GLUCONATE (CAS 4468-02-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 313 (TRI reporting)

Not regulated.

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 Not regulated.

(SDWA)

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

TRADE SECRET (CAS Proprietary)

Other Flavoring Substances with OSHA PEL's

US state regulations

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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

TRADE SECRET (CAS Proprietary)

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

^{*}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).

Toxic Substances Control Act (TSCA) Inventory

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

 Issue date
 04-26-2018

 Revision date
 05-17-2019

Version # 07

United States & Puerto Rico

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

HMIS® ratings Health: 1

Flammability: 1 Physical hazard: 0

NFPA ratings Health: 1

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 Toxicological information: Reproductivity

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