

1. Identification

Product identifier	WELLBUTRIN TABLETS
Other means of identification	Not available.
Synonym(s)	WELLBUTRIN TABLETS 75MG * WELLBUTRIN TABLETS 100MG * WELLBUTRIN TABLETS * WELLBUTRIN TABLETS * WELLBUTRIN TABLETAS * WELLBUTRIN TABLETES * WELLBUTRIN TABLETTA * NDC NO 0173-0177-55 * NDC NO 0173-0178-55 * BUPROPION HYDROCHLORIDE, FORMULATED PRODUCT
Recommended use	Medicinal Product

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

Recommended restrictions No other uses are advised.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

GlaxoSmithKline US
5 Moore Drive
Research Triangle Park, NC 27709 USA
US General Information (normal business hours): +1-888-825-5249
Email Address: msds@gsk.com
Website: www.gsk.com
EMERGENCY PHONE NUMBERS -
TRANSPORT EMERGENCIES::
US / International toll call +1 703 527 3887
available 24 hrs/7 days; multi-language response

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

Hazardous components			
Chemical name	Common name and synonyms	CAS number	%
MICROCRYSTALLINE CELLULOSE	AVICEL PH MICROCRYSTALLINE CELLULOSE ABICEL ALPHA-CELLULOSE ARBOCEL ARBOCELL B 600/30 ARBOCELL BC 200 AVICEL PH101 AVICEL PH102 AVICEL PH103 AVICEL PH105 AVICEL PH112 AVICEL PH200 BETA-AMYLOSE CELLEX MX CELLULOSE (8CI9CI) CELLULOSE 248 CELLULOSE CRYSTALLINE CELLULOSE, FOOD GRADE CELUFI CRYSTALLINE CELLULOSE EMOCEL MCC MICROCRYSTALLINE CELLULOSE POWDERED CELLULOSE RTECS FJ5691460 SOLKA FLOC BW200 CELLULOSA (FIBRA PAPEL) CELLULOSE (PAPER FIBRES) CELLULOSE-PAPER FIBER CELULOSA (FIBRA PAPEL) TSELLULOOS	9004-34-6	63.1
BUPROPION HYDROCHLORIDE	1-PROPANONE, 1-(3-CHLOROPHENYL)-2-((±)-2-(TERT-BUTYLAMINO)-3'-CHLORPROF GR 67205A 323U66 HCl	31677-93-7	15
TALC	TALCUM, NON-ASBESTOS FORM AGALITE ASBESTINE TALCUM TALC FINNTALC EMTAL SOAPSTONE STEATITE NYTAL HYDROUS MAGNESIUM SILICATE MISTRON BEAVER WHITE FRENCH CHALK MUSSOLINITE STEAWHITE TALCRON- MONTANA TALC H2Mg3O12Si4 OHS22400 RTECS WW2710000	14807-96-6	1.76

Hazardous components			
Chemical name	Common name and synonyms	CAS number	%
HYDROCHLORIC ACID	HYDROCHLORIC ACID 2 N HYDROCHLORIC ACID 1 N HYDROCHLORIC ACID 0.5 N HYDROCHLORIC ACID 0.2 N HYDROCHLORIC ACID 0.1 N HYDROCHLORIC ACID 0.02 N HYDROCHLORIC ACID SOLUTIONS UN 1789 OHS40067 RTECS MW4025000 MURIATIC ACID AQUEOUS HYDROGEN CHLORIDE CHLOROHYDRIC ACID HCL 47 (GW ACN)	7647-01-0	0.14
Other components below reportable levels			20

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

4. First-aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is difficult, trained personnel should give oxygen. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
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	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious).
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes. The following adverse effects have been noted with therapeutic use of this material: insomnia; agitation; anxiety; headache; tremor; visual disturbances; dry mouth; nausea; vomiting; rash; depression; constipation; convulsions.
Indication of immediate medical attention and special treatment needed	No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the current prescribing information or to the local poison control information centre.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Pre-placement and periodic health surveillance is not usually indicated. The final determination of the need for health surveillance should be determined by local risk assessment.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
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	In the event of fire, cool tanks with water spray.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. 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. For personal protection, see section 8 of the MSDS.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS.
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials (see Section 10 of the MSDS).

8. Exposure controls/personal protection

Occupational exposure limits

GSK

Components

Type

Value

BUPROPION
HYDROCHLORIDE (CAS
31677-93-7)

8 HR TWA

1000 mcg/m3

MICROCRYSTALLINE
CELLULOSE (CAS
9004-34-6)

OHC

2

OHC

1

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

Components

Type

Value

Form

HYDROCHLORIC ACID
(CAS 7647-01-0)

Ceiling

7 mg/m3

MICROCRYSTALLINE
CELLULOSE (CAS
9004-34-6)

PEL

5 ppm

5 mg/m3

Respirable fraction.

15 mg/m3

Total dust.

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

Components

Type

Value

Form

TALC (CAS 14807-96-6)

TWA

0.3 mg/m3

Total dust.

0.1 mg/m3

Respirable.

20 millions of

particle

2.4 millions of

particle

Respirable.

US. ACGIH Threshold Limit Values

Components

Type

Value

Form

HYDROCHLORIC ACID
(CAS 7647-01-0)

Ceiling

2 ppm

MICROCRYSTALLINE
CELLULOSE (CAS
9004-34-6)

TWA

10 mg/m3

TALC (CAS 14807-96-6)

TWA

2 mg/m3

Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components

Type

Value

Form

HYDROCHLORIC ACID
(CAS 7647-01-0)

Ceiling

7 mg/m3

MICROCRYSTALLINE
CELLULOSE (CAS
9004-34-6)

REL

5 ppm

5 mg/m3

Respirable.

10 mg/m3

Total

TALC (CAS 14807-96-6)

TWA

2 mg/m3

Respirable.

Biological limit values

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

Appropriate engineering controls

An Exposure Control Approach (ECA) is established for operations involving this material based upon the OEL/Occupational Hazard Category and the outcome of a site- or operation-specific risk assessment. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection	If contact is likely, safety glasses with side shields are recommended.
Hand protection	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. Glove selection must take into account any solvents and other hazards present.
Other	Not normally needed.
Respiratory protection	No personal respiratory protective equipment normally required.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	An occupational/industrial hygiene monitoring method has been developed for this material. For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional. 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. When using, do not eat, drink or smoke.

9. Physical and chemical properties

Appearance

Physical state	Solid.
Form	Tablet.
Color	Not available.
Odor	Not available.
Odor 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.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	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 oxidizing agents. Fluorine.
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

Ingestion	Health injuries are not known or expected under normal use. May be harmful if swallowed.
Inhalation	Health injuries are not known or expected under normal use. Inhalation of dusts may cause respiratory irritation.
Skin contact	Health injuries are not known or expected under normal use. Dust or powder may irritate the skin.
Eye contact	Health injuries are not known or expected under normal use. Dust or powder may irritate eye tissue.

Symptoms related to the physical, chemical and toxicological characteristics The following adverse effects have been noted with therapeutic use of this material: insomnia; agitation; anxiety; headache; tremor; visual disturbances; dry mouth; nausea; vomiting; rash; depression; constipation; convulsions.
No specific target organ effects have been identified.

Information on toxicological effects

Acute toxicity Health injuries are not known or expected under normal use. Adverse effects might occur with repeated ingestion.

Components	Species	Test Results
BUPROPION HYDROCHLORIDE (CAS 31677-93-7)		
Acute		
<i>Oral</i>		
LD50	Mouse	544 - 636 mg/kg
	Rat	482 - 607 mg/kg
Chronic		
<i>Oral</i>		
LOEL	Dog	40 mg/kg/day, 52 weeks
	Rat	100 mg/kg/day, 104 weeks
		25 mg/kg/day, 55 weeks
NOAEL	Dog	40 mg/kg/day, 52 weeks
	Rat	100, 104 weeks
		100 mg/kg/day, 55 weeks
Subacute		
<i>Oral</i>		
NOAEL	Dog	150 mg/kg/day, 47 Day
Subchronic		
<i>Oral</i>		
NOAEL	Rat	450 mg/kg/day, 90 Day
HYDROCHLORIC ACID (CAS 7647-01-0)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1108 ppm, 1 Hours
	Rat	3124 ppm, 1 Hours
LCL0	Guinea pig	4416 ppm, 30 minutes
	Human	3000 ppb, 5 minutes
		1300 ppm, 30 minutes
	Rabbit	4416 ppm, 30 minutes
NOEL	Human	<= 1.8 ppm, 45 minutes, No effect on respiratory function in asthmatics.
<i>Oral</i>		
LD50	Rabbit	900 mg/kg
	Rat	700 mg/kg
Chronic		
<i>Inhalation</i>		
LOAEL	Rat	10 ppm, 128 weeks

Components	Species	Test Results
Subacute		
<i>Oral</i>		
LD	Rat	34.1 mg/kg/day, 9 weeks
LOEL	Rat	10.2 mg/kg/day, 9 weeks
Subchronic		
<i>Inhalation</i>		
LOEC	Rat	10 ppm, 3 months, Inflammation of lips and nasal cavity.
NOAEC	Rat	20 ppm, 3 months
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Oral</i>		
LD50	Rat	> 2000 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		
HYDROCHLORIC ACID		OECD 404 Result: Corrosive Species: Rabbit Test Duration: 1 Hours
BUPROPION HYDROCHLORIDE		OECD 404 Result: Non-irritant Species: Rabbit
Irritation Corrosion - Skin: P.I.I. value		
BUPROPION HYDROCHLORIDE		0.5
Serious eye damage/eye irritation	Health injuries are not known or expected under normal use. Dust or powder may irritate eye tissue.	
Eye		
HYDROCHLORIC ACID		OECD 405 Result: Corrosive effects/irritation Species: Rabbit
BUPROPION HYDROCHLORIDE		Result: Irritant Species: Rabbit
Eye / Kay and Calandra class - Intact		
BUPROPION HYDROCHLORIDE		5
Respiratory sensitization	Not available.	
Skin sensitization	Health injuries are not known or expected under normal use.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
HYDROCHLORIC ACID		<= 10 mmol/L Chromosomal Aberration Assay In Vitro, CHO cells, IUCLID Result: Positive
BUPROPION HYDROCHLORIDE		Ames Result: Negative
HYDROCHLORIC ACID		Ames, IUCLID Result: Negative E coli Pol-A repair assay, IUCLID Result: Negative
BUPROPION HYDROCHLORIDE		L5178Y mouse lymphoma thymidine kinase locus assay Result: Negative
HYDROCHLORIC ACID		L5178Y mouse lymphoma thymidine kinase locus assay, IUCLID Result: Negative Yeast Mutation Assay, IUCLID Result: Negative
BUPROPION HYDROCHLORIDE		in vivo cytogenetics assay Result: Positive Species: Rat

Carcinogenicity	Health injuries are not known or expected under normal use. Contains a material (talc) classified as a carcinogen by external agencies. Carcinogenic activity was seen in inhalation studies using laboratory animals. High concentrations or doses administered over an extended period of time were required to produce adverse effects.
HYDROCHLORIC ACID	10 ppm Inhalation Result: Negative Species: Rat Observation Period: 128 months Notes: IUCLID
BUPROPION HYDROCHLORIDE	Result: Negative Species: Mouse Result: Negative Species: Rat

IARC Monographs. Overall Evaluation of Carcinogenicity

HYDROCHLORIC ACID (CAS 7647-01-0)	3 Not classifiable as to carcinogenicity to humans.
TALC (CAS 14807-96-6)	2B Possibly carcinogenic to humans.
	3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
HYDROCHLORIC ACID	302 ppm Embryo-foetal development, IUCLID Result: Maternal toxicity, resorptions, foetal malformations. Species: Rat
BUPROPION HYDROCHLORIDE	Embryo-foetal development- Oral Result: Maternal toxicity; adverse foetal effects Species: Rabbit Embryo-foetal development- Oral Result: maternal toxicity Species: Rat Fertility Result: No effect

Specific target organ toxicity - single exposure	None known.
HYDROCHLORIC ACID	Result: Respiratory irritation/corrosion.

Specific target organ toxicity - repeated exposure	None known.
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Aspiration hazard	Not available.
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12. Ecological information

Ecotoxicity No information is available about the potential of this product to produce adverse environmental effects. Contains a substance which causes risk of hazardous effects to the environment.

Components	Species	Test Results
BUPROPION HYDROCHLORIDE (CAS 31677-93-7)		
Aquatic		
<i>Acute</i>		
Activated Sludge Respiration	IC50 Residential sludge	> 100 mg/l, 3 hours, Nominal
	NOEC Residential sludge	100 mg/l, 3 hours, Nominal
Algae	EC50 Green algae (<i>Scenedesmus subspicatus</i>)	0.95 mg/l, 72 hours
	NOEC Green algae (<i>Scenedesmus subspicatus</i>)	0.62 mg/l, 72 hours
Crustacea	EC50 Water flea (<i>Daphnia magna</i>)	3.8 mg/l, 48 hours, Static test, OECD 202
	NOEC Water flea (<i>Daphnia magna</i>)	1 mg/l, 48 hours, Static test
Fish	EC50 Rainbow trout (Juvenile <i>Oncorhynchus mykiss</i>)	33 mg/l, 96 hours, Static renewal test, OECD 203
	NOEC Rainbow trout (Juvenile <i>Oncorhynchus mykiss</i>)	16 mg/l, 96 hours, Static renewal test
Microtox	MIC <i>Aspergillus flavus</i>	1000 mg/l
	<i>Azotobacter chroococcum</i>	> 1000 mg/l
	<i>Chaetomium globosum</i>	1000 mg/l
	<i>Nostoc</i> sp.	1000 mg/l
	<i>Pseudomonas fluorescens</i>	> 1000 mg/l

Components	Species		Test Results
Chronic Crustacea	LOEC	Water flea (Ceriodaphnia dubia)	> 0.4 mg/l, 7 days, 7 day static renewal, EPA 1002
	NOEC	Water flea (Ceriodaphnia dubia)	0.4 mg/l, 7 days
Fish	Growth test	Fathead minnow (Juvenile Pimephales promelas)	0.1 mg/l, 32 days, Static renewal test
	NOEC		
TALC (CAS 14807-96-6)			
Aquatic			
Acute Fish	EC50	Zebra fish (Adult Brachydanio rerio)	> 100 g/l, 24 hours, Static renewal test

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

Persistence and degradability

Photolysis

Half-life (Photolysis-aqueous)

BUPROPION HYDROCHLORIDE 54 Hours

UV/visible spectrum wavelength

BUPROPION HYDROCHLORIDE 251 nm

Hydrolysis

Half-life (Hydrolysis-neutral)

BUPROPION HYDROCHLORIDE 16.7 Days

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

BUPROPION HYDROCHLORIDE 1.54

Mobility in soil

Adsorption

Sludge/biomass distribution coefficient - log Kd

BUPROPION HYDROCHLORIDE 1.79 Measured, pH 7

Soil/sediment sorption - log Koc

BUPROPION HYDROCHLORIDE 2.93 Calculated

Mobility in general

Volatility

Henry's law

BUPROPION HYDROCHLORIDE 0 atm m³/mol, 25 C Estimated

Distribution

Octanol/water distribution coefficient log DOW

BUPROPION HYDROCHLORIDE -0.6, pH 1.2

-0.91, pH 6

1.54, pH 7.4

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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

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

DOT

Not regulated as a dangerous good.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code MARPOL Annex II applies to liquids used in a ship's operation that pose a threat to the marine environment. These materials may not be transported in bulk.

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)

HYDROCHLORIC ACID (CAS 7647-01-0) LISTED

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

SARA 304 Emergency release notification

HYDROCHLORIC ACID (CAS 7647-01-0) 5000 lbs

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

HYDROCHLORIC ACID (CAS 7647-01-0)

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

HYDROCHLORIC ACID (CAS 7647-01-0)

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))

HYDROCHLORIC ACID (CAS 7647-01-0)

DEA Essential Chemical Code Number

HYDROCHLORIC ACID (CAS 7647-01-0) 6545

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

HYDROCHLORIC ACID (CAS 7647-01-0) 20 % weight/volumn

DEA Exempt Chemical Mixtures Code Number

HYDROCHLORIC ACID (CAS 7647-01-0) 6545

Food and Drug Administration (FDA) Not regulated.

US state regulations**US. Massachusetts RTK - Substance List**

HYDROCHLORIC ACID (CAS 7647-01-0)
 MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)
 TALC (CAS 14807-96-6)

US. New Jersey Worker and Community Right-to-Know Act

HYDROCHLORIC ACID (CAS 7647-01-0) 500 lbs

US. Pennsylvania RTK - Hazardous Substances

HYDROCHLORIC ACID (CAS 7647-01-0)
 MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)
 TALC (CAS 14807-96-6)

US. Rhode Island RTK

HYDROCHLORIC ACID (CAS 7647-01-0)

US. 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.

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
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	09-20-2013
Revision date	09-20-2013
Version #	13
Further information	Not available.
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.