SAFETY DATA SHEET

1. Identification

Product identifier **COREG CR CAPSULES**

Other means of identification Not available.

Synonym(s) COREG CR 10 MG CAPSULES * COREG CR 20 MG CAPSULES * COREG CR 40 MG CAPSULES * COREG CR 80 MG CAPSULES * NDC: 0007-3370-13 * NDC: 0007-3370-59 * NDC: 0007-3371-13 * NDC: 0007-3371-59 * NDC: 0007-3372-13 * NDC: 0007-3372-59 * NDC: 0007-3373-13 * NDC: 0007-3373-59 * COREG CR EXTENDED RELEASE CAPSULES * CARVEDILOL PHOSPHATE, 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	29.9
CARVEDILOL PHOSPHATE HEMIHYDRATE	SKF-105517-D KREDEX PHOSPHATE HEMIHYDRATE BM 14190 PHOSPHATE HEMIHYDRATE DIMITONE PHOSPHATE HEMIHYDRATE (2RS)-1-(9H-CARBAZOL-4-YLOXY)-3-[[2-(2- PHOSPHATE SALT (1:1) HEMIHYDRATE 1-(9H-CARBAZOL-4-YLOXY)-3-[2-(2-METHC PHOSPHORIC ACID; HYDRATE 1-(9H-CARBAZOL-4-YLOXY)-3-[[2-(2-METH(PHOSPHATE, HYDRATE (2:2:1)	610309-89-2	21
POLYVINYLPOLYPYRROLIDONE	CROSPOVIDONE CROSPOVIDONE (KOLLIDON CL-SF) PVPP POLY[1-(2-OXO-1-PYRROLIDINYL)-1,2-ETH	25249-54-1	11.7
EUDRAGIT L 100-55		25212-88-8	10.3
MAGNESIUM STEARATE	OCTADECANOIC ACID, MAGNESIUM SALT STEARIC ACID, MAGNESIUM SALT MAGNESIUM DISTEARATE DIBASIC MAGNESIUM STEARATE MAGNESIUM DISTEARATE, PURE OCTADECANOIC ACID MAGNESIUM SALT MAGNESIUM OCTADECANOATE C36H70MGO4 OHS13505 RTECS WI4390000 MAGNESIUMDISTEARAT	557-04-0	2.4
Other components below reportable levels			24.7

*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). If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	May cause allergic skin reaction. The following adverse effects have been noted with therapeutic use of this material: dizziness; fatigue; decrease in blood pressure; diarrhoea; weakness; decrease in heart rate.
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 (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 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. 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 discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Avoid contact with skin. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	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	Note
CARVEDILOL PHOSPHATE HEMIHYDRATE (CAS 610309-89-2)	8 HR TWA	30 mcg/m3	
	OHC	3	SKIN SENSITISER
EUDRAGIT L 100-55 (CAS 25212-88-8)	OHC	2	
MAGNESIUM STEARATE (CAS 557-04-0)	OHC	1	
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	OHC	1	

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

Components	Type	Value	Form
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

US. ACGIH Threshold Limit Values

Components	Type	Value
MAGNESIUM STEARATE (CAS 557-04-0)	TWA	10 mg/m3
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	TWA	10 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	REL	5 mg/m3	Respirable.
		10 mg/m3	Total

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

Appropriate engineering controls 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. 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.

Individual protection measures, such as personal protective equipment

Eye/face protection Eye wash fountain is recommended. 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.

9. Physical and chemical properties

Appearance

Physical state Solid.

Form Capsule.

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. Peroxides. Fluorine. Phenols.
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. May cause an allergic skin reaction.
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	Sensitization. Irritation of eyes and mucous membranes. The following adverse effects have been noted with therapeutic use of this material: dizziness; fatigue; decrease in blood pressure; diarrhoea; weakness; decrease in heart rate. 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
CARVEDILOL PHOSPHATE HEMIHYDRATE (CAS 610309-89-2)		
Acute		
Oral		
LD	Rat	> 8000 mg/kg
Chronic		
Oral		
LOEL	Rat	100 mg/kg/day, 90-Day Study
NOAEL	Rat	30 mg/kg/day, 90-Day Study
MAGNESIUM STEARATE (CAS 557-04-0)		
Acute		
Oral		
LD50	Rat	> 2000 mg/kg
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
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.

Irritation Corrosion - Skin

CARVEDILOL PHOSPHATE HEMIHYDRATE	Acute dermal irritation, Primary dermal irritation index = 0; carvedilol tested Result: Negative Species: Rabbit

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

MAGNESIUM STEARATE	0

Serious eye damage/eye irritation Health injuries are not known or expected under normal use. Dust or powder may irritate eye tissue.

Eye

CARVEDILOL PHOSPHATE HEMIHYDRATE	Acute ocular irritation, Kay and Calandra score = 3; carvedilol tested Result: Mild irritant

Eye / Kay and Calandra class - Intact

MAGNESIUM STEARATE	4 Recovery Period: 2 days

Respiratory sensitization Not available.

Skin sensitization Health injuries are not known or expected under normal use. May cause an allergic skin reaction.

Sensitization

CARVEDILOL PHOSPHATE HEMIHYDRATE	Maximisation assay (Magnusson and Kligman), 20% of treated animals responding; graded as a mild sensitiser; carvedilol tested Result: Equivocal 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.

CARVEDILOL PHOSPHATE HEMIHYDRATE	Ames Assay, GLP assay; carvedilol tested Result: Negative Chinese Hamster Ovarian Cell Test, HGPRT locus mutation; carvedilol tested Result: Negative Chromosomal Aberration Assay In Vitro, human lymphocytes, carvedilol teted Result: Negative GreenScreen Assay Result: Negative Micronucleus Test, Maximum dose = 1500 mg/kg; carvedilol tested Result: Negative Species: Hamster

Carcinogenicity Health injuries are not known or expected under normal use.

CARVEDILOL PHOSPHATE HEMIHYDRATE	2 year bioassay, Literature data for carvedilol Result: Negative Species: Mouse 2 year bioassay, Literature data for carvedilol Result: Negative Species: Rat

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

CARVEDILOL PHOSPHATE HEMIHYDRATE	Embryo-foetal development - Oral, Dose = 15 mg/kg/day; carvedilol tested Result: Maternal toxicity; Foetal NOAEL Species: Rabbit Embryo-foetal development - Oral, Dose = 75 mg/kg/day; carvedilol tested Result: Maternal toxicity; increaed post-implantation loss Species: Rabbit Embryo-foetal development - Oral, Dose >/= 300 mg/kg/day; equivalent to 50X maximum recommended human dose; carvedilol tested Result: Maternal toxicity; delayed foetal skeletal development and reduced foetal weight; increased post-implantation loss Species: Rat Female Fertility / Early Embryonic & Embryo-foetal Development, Dose = 60 mg/kg/day; carvedilol tested Result: Maternal toxicity; Foetal NOAEL Species: Rat

CARVEDILOL PHOSPHATE HEMIHYDRATE	Female Fertility / Early Embryonic & Embryo-foetal Development, Dose >/= 200 mg/kg/day; carvedilol tested Result: Maternal toxiciity; reduced successful matings, decreased number of corpora lutea, foetal resorption Species: Rat

Specific target organ toxicity - single exposure None known.

Specific target organ toxicity - repeated exposure None known.

Aspiration hazard Not available.

Further information Not available.

12. Ecological information

Ecotoxicity No information is available about the potential of this product to produce adverse environmental effects. The product contains a substance which may cause long-term adverse effects in the environment.

Components		Species	Test Results
CARVEDILOL PHOSPHATE HEMIHYDRATE (CAS 610309-89-2)			
Aquatic			
Acute			
Activated Sludge Respiration	IC50	Residential sludge	122 mg/L, 3 hours
Algae	EC50	Green algae (Scenedesmus subspicatus)	1.98 mg/L, 72 hours
	NOEC	Green algae (Scenedesmus subspicatus)	0.57 mg/L, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	2.2 mg/L, 48 hours, Static test
	NOEC	Water flea (Daphnia magna)	0.43 mg/L, 48 hours, Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)	1.23 mg/L, 96 hours, Static test
		Rainbow trout (Juvenile Oncorhyncus mykiss)	0.36 mg/L, 96 hours, Static test
	NOEC	Bluegill sunfish (Adult Lepomis macrochirus)	< 0.53 mg/L, 96 hours, Static test
		Rainbow trout (Juvenile Oncorhyncus mykiss)	0.031 mg/L, 96 hours, Static test
Microtox	EC50	Microtox	6.73 mg/L, 15 minutes
Chronic			
Crustacea	LOEC	Water flea (Ceriodaphnia dubia)	0.99 mg/l, 8 days, Static renewal test
	NOEC	Daphnia	0.31 mg/L, 8 days
EUDRAGIT L 100-55 (CAS 25212-88-8)			
Aquatic			
Acute			
Fish	EC50	Guppy (Juvenile Poecilia reticulata)	> 100 mg/l, 96 hours
MAGNESIUM STEARATE (CAS 557-04-0)			
Aquatic			
Acute			
Fish	EC50	Orange-red killfish (Adult Oryzias latipes)	130 mg/l, 96 hours
Microtox	EC50	Microtox	12.5 mg/l, 15 minutes
POLYVINYLPOLYPYRROLIDONE (CAS 25249-54-1)			
Acute			
	IC50	Activated sludge	> 1000 mg/l, 3 hours, Static test
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	84 mg/l, 48 hours, Static test

Components		Species	Test Results
	NOEC	Water flea (Daphnia magna)	32 mg/l, 48 hours, Static test

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

Persistence and degradability

Photolysis

Half-life (Photolysis-aqueous)

CARVEDILOL PHOSPHATE HEMIHYDRATE 1.48 Hours Measured

Half-life (Photolysis-atmospheric)

MAGNESIUM STEARATE 17 Hours Estimated

UV/visible spectrum wavelength

MAGNESIUM STEARATE 210 nm

Hydrolysis

Half-life (Hydrolysis-neutral)

CARVEDILOL PHOSPHATE HEMIHYDRATE > 1 Years Measured

Biodegradability

Percent degradation (Aerobic biodegradation-soil)

MAGNESIUM STEARATE 50 %, 13 days

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

CARVEDILOL PHOSPHATE HEMIHYDRATE 4.1 (Calculated).

Bioconcentration factor (BCF)

MAGNESIUM STEARATE > 9999 Estimated

Mobility in soil

Adsorption

Sludge/biomass distribution coefficient - log Kd

CARVEDILOL PHOSPHATE HEMIHYDRATE 3.74 - 4.31 Measured

Soil/sediment sorption - log Koc

CARVEDILOL PHOSPHATE HEMIHYDRATE 4.37 - 4.61 Measured

MAGNESIUM STEARATE 5.86 Estimated

Mobility in general Not available.

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

UN number UN3077

UN proper shipping name Environmentally hazardous substances, solid, n.o.s. (CARVEDILOL PHOSPHATE, FORMULATED PRODUCT), MARINE POLLUTANT

Transport hazard class(es) 9

Subsidiary class(es) Not available.

Packing group III

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Labels required 9

Special provisions 8, 146, 335, A112, B54, IB8, IP3, N20, T1, TP33

Packaging exceptions 155

Packaging non bulk 213

Packaging bulk 240

Qty limits cargo No limit

Qty limits passenger	No limit

IATA

UN number	UN3077
UN proper shipping name	Environmentally hazardous substance, solid, n.o.s. (CARVEDILOL PHOSPHATE, FORMULATED PRODUCT)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packaging group	III
Labels required	Not available.
ERG Code	9L
Passenger & cargo	Allowed.
Additional Information:	
Packaging Instruction	956
Pkg Inst cargo only	956
Pkg Inst passenger & cargo	Y956
SP see 44	A97,A158,A179
Max net qty pkg	400 kg
Max net qty pkg cargo only	400 kg
Max net qty pkg LQ	30 kg G

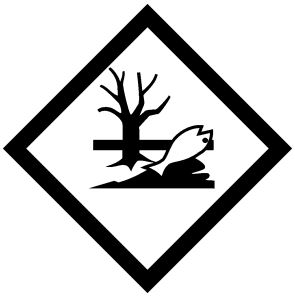
IMDG

UN number	UN3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CARVEDILOL PHOSPHATE, FORMULATED PRODUCT)
Transport hazard class(es)	9
Subsidiary class(es)	-
Packaging group	III
Environmental hazards	
Marine pollutant	Yes
Labels required	Not available.
EmS	F-A, S-F
Special precautions for user	Not available.

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.

DOT; IATA; IMDG

Marine pollutant



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)

Not listed.

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

Not listed.

SARA 304 Emergency release notification

Not regulated.

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

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.
Food and Drug Administration (FDA)	Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)

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

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)

US. Rhode Island RTK

Not regulated.

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	11-04-2013
Revision date	11-04-2013
Version #	06

Further information	This material has not been assessed for HMIS or NFPA ratings.
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: Product and Company Identification Composition / Information on Ingredients: Ingredients Physical & Chemical Properties: Transport Information: Regulatory Information: United States