SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture	BECONASE HAYFEVER ALLERGY SPRAY
Registration number	-
Synonyms	BECONASE AQ NASAL SPRAY * BECONASE AQUEOUS NASAL SPRAY 42 MCG * BECONASE AQUEOUS NASAL SPRAY 50 MCG * BECONASE AQ NASAL SPRAY 0.042% * BECONASE ALLERGY AQUEOUS NASAL SPRAY * BECOTIDE AQUEOUS NASAL SPRAY * BECLOSOL AQ NASAL * NDC NO 0173-0388-79 * BECLOMETHASONE DIPROPIONATE, FORMULATED PRODUCT
Issue date	09-December-2013
Version number	15
Revision date	09-December-2013

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	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.
Uses advised against	No other uses are advised.

1.3. Details of the supplier of the safety data sheet

GlaxoSmithKline UK
980 Great West Road
Brentford, Middlesex TW8 9GS UK
UK General Information (normal business hours): +44-20-8047-5000
Email Address: msds@gsk.com
Website: www.gsk.com

1.4. Emergency telephone number

TRANSPORT EMERGENCIES::
UK In-country toll call: +(44)-870-8200418
International toll call: +1 703 527 3887
available 24 hrs/7 days; multi-language response

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

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

Classification according to Regulation (EC) No 1272/2008 as amended

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

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

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

Supplemental label information Not applicable.

2.3. Other hazards Caution - Pharmaceutical agent. See section 11 for additional information on health hazards.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
MICROCRYSTALLINE CELLULOSE	1 - < 3	9004-34-6 232-674-9	-	-	
Classification: **DSD:** -					
CLP: -					
BENZALKONIUM CHLORIDE	< 1	8001-54-5 -	-	-	
Classification: **DSD:** Xn;R22, Xi;R37/38-41, R43, N;R50					
CLP: Acute Tox. 4;H302, Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Dam. 1;H318, STOT SE 3;H335, Aquatic Acute 1;H400					
PHENETHYL ALCOHOL	< 0.3	60-12-8 200-456-2	-	-	
Classification: **DSD:** Xn;R21/22, Xi;R36					
CLP: Acute Tox. 4;H302, Acute Tox. 4;H312, Eye Irrit. 2;H319					
POLYOXYETHYLENE (20) SORBITAN MONOOLEATE	< 0.1	9005-65-6 500-019-9	-	-	
Classification: **DSD:** -					
CLP: -					
BECLOMETHASONE DIPROPIONATE	0.04< 0.05	5534-09-8 226-886-0	-	-	
Classification: **DSD:** Repr. Cat. 2;R61, Repr. Cat. 3;R62, Xn;R48/20/21, R53					
CLP: Repr. 1B;H360, Repr. 2;H361, STOT RE 2;H373, Aquatic Chronic 4;H413					
Other components below reportable levels	90 - 100				

CLP: Regulation No. 1272/2008.
DSD: Directive 67/548/EEC.
M: M-factor
vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
#: This substance has been assigned Community workplace exposure limit(s).

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information 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.

4.1. Description of first aid measures

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

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 Immediately flush eyes with plenty of water for at least 15 minutes.

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

4.2. Most important symptoms and effects, both acute and delayed The following adverse effects have been noted with therapeutic use of this material: headache; nosebleed; drying of the nasal passages; Irritation of nose and throat.

4.3. Indication of any 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.

SECTION 5: Firefighting measures

General fire hazards This product is non-flammable.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media	None known.
5.2. Special hazards arising from the substance or mixture	During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	Move containers from fire area if you can do so without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protective equipment. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the MSDS.
6.2. 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.
6.3. Methods and material 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. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use.
6.4. Reference to other sections	For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.
7.2. 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).
7.3. Specific end use(s)	Medicinal Product

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

GSK

Components	Type	Value	Note
BECLOMETHASONE DIPROPIONATE (CAS 5534-09-8)	8 HR TWA	6 mcg/m3	
	OHC	4	Reproductive hazard
		4	Skin
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	OHC	1	
PHENETHYL ALCOHOL (CAS 60-12-8)	OHC	2	
POLYOXYETHYLENE (20) SORBITAN MONOOLEATE (CAS 9005-65-6)	OHC	1	

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
MICROCRYSTALLINE CELLULOSE (CAS 9004-34-6)	STEL	20 mg/m3	Inhalable dust.
	TWA	4 mg/m3	Respirable dust.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
		10 mg/m3	Inhalable dust.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived No Effect Level (DNEL) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

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

General information Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow all local regulations if personal protective equipment (PPE) is used in the workplace.

Eye/face protection Not normally needed.

Skin protection

- 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. With respect to the above precautions select suitable chemical resistant protective gloves (EN 374) with a protective index 6 (>480min permeation time).

- Other The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. (EN 14605 for splashes, EN ISO 13982 for dust)

Respiratory protection No personal respiratory protective equipment normally required.

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.

Environmental exposure controls

Hazard guidance and control recommendations Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Colour Not available.

Odour Not available.

Odour threshold Not available.

pH 6 - 6.8

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.

Vapour pressure	Not available.
Vapour 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.
Explosive properties	Not available.
Oxidizing properties	Not available.

9.2. Other information

Percent volatile	93.1 % estimated

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Contact with incompatible materials.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

SECTION 11: Toxicological information

General information	Caution - Pharmaceutical agent. Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Ingestion	Health injuries are not known or expected under normal use. However, ingestion is not likely to be a primary route of occupational 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.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms	The following adverse effects have been noted with therapeutic use of this material: headache; nosebleed; drying of the nasal passages; Irritation of nose and throat..

11.1. Information on toxicological effects

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

Components	Species	Test results
BECLOMETHASONE DIPROPIONATE (CAS 5534-09-8)		
Acute		
Oral		
LD50	Rat	> 3750 mg/kg
Chronic		
Inhalation		
LOEL	Dog	0.5 mg/kg/day, 52 weeks, Pharmacological effects
Presumed Non-Toxic		
Oral		
LOEL	Dog	99999 mg/kg/day, 52 weeks, Pharmacological effects
Subchronic		
Inhalation		
LOEL	Rat	0.06 mg/kg/day, 6 months, Pharmacological effects

Components	Species	Test results
Oral		
LOEL	Rat	0.16 mg/kg/day, 6 months, Pharmacological effects
BENZALKONIUM CHLORIDE (CAS 8001-54-5)		
Acute		
Oral		
LD50	Rat	240 - 590 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.

Corrosivity

BECLOMETHASONE DIPROPIONATE
OECD 404
Result: Non-irritant
Species: Rabbit

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Eye

BECLOMETHASONE DIPROPIONATE
OECD 405
Result: Mild irritant
Species: Rabbit

Respiratory sensitisation None known.

Skin sensitisation This product is not expected to cause skin sensitisation.

Sensitisation

BECLOMETHASONE DIPROPIONATE
SAR / QSAR, DEREK, Lhasa, UK
Result: positive

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

Germ cell mutagenicity

Mutagenicity

BECLOMETHASONE DIPROPIONATE
Ames
Result: negative
Chromosomal Aberration Assay In Vitro
Result: negative
HPRT gene mutation in human lymphocytes
Result: negative
Micronucleus Test
Result: negative
Species: Mouse

Carcinogenicity Not classifiable as to carcinogenicity to humans.

BECLOMETHASONE DIPROPIONATE
2 year bioassay
Result: negative
Species: Rat

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

Reproductive toxicity

Reproductivity

BECLOMETHASONE DIPROPIONATE
Embryofetal Development, Inhalation
Result: Developmental effects including cleft palate
Species: Mouse
Embryofetal Development, Inhalation
Result: Developmental effects including cleft palate, foetal lethality
Species: Mouse
Embryofetal Development, Inhalation
Result: Maternal toxicity -Delayed skeletal development in foetuses
Species: Rat

Reproductivity

BECLOMETHASONE DIPROPIONATE

Embryofetal Development, Inhalation
Result: No effect
Species: Mouse
Embryofetal Development, Oral
Result: Developmental effects including cleft palate
Species: Rabbit
Embryofetal Development, Oral
Result: Developmental effects including cleft palate, foetal lethality
Species: Mouse
Embryofetal Development, Oral
Result: No effect
Species: Mouse
Embryofetal Development, Oral
Result: Reduced survival, reduced birth rate, reduced growth rate
Species: Rat
Embryofetal Development, Oral
Result: maternal toxicity
Species: Rabbit
Embryofetal Development, iOral
Result: Maternal toxicity; adverse foetal effects
Species: Rat
Fertility, Female
Result: Foetal toxicity, increased resorptions.
Species: Mouse
Fertility, Male
Result: No effect on mating, or incidence of pregnancy
Species: Mouse
Fertility, Male
Result: Reduced numbers of pregnant femals at higher doses
Species: Rat

Specific target organ toxicity - single exposure None known.

Specific target organ toxicity - repeated exposure Adrenal glands. Bone tissue. Immune system.

Aspiration hazard Not likely, due to the form of the product.

Mixture versus substance information No information available.

Other information Caution - Pharmaceutical agent.

SECTION 12: Ecological information

12.1. Toxicity 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
BECLOMETHASONE DIPROPIONATE (CAS 5534-09-8)			
Aquatic			
Acute			
Activated Sludge Respiration	IC50	Residential sludge	> 97.2 mg/l, 3 hours, OECD 209
Crustacea	EC50	Water flea (Daphnia magna)	> 3.74 mcg/l, 48 hours, Static test, OECD 202
	NOEC	Water flea (Daphnia magna)	3.74 mcg/l, 48 hours, Static test
Chronic			
Crustacea	EC50	Sediment-dwelling oligochaete (Lumbriculus variegatus)	> 500 mg/kg, 28 days, Measured, OECD 218
	NOEC	Sediment-dwelling oligochaete (Lumbriculus variegatus)	500 mg/kg, 28 days
Terrestrial			
Acute			
Earthworm	EC50	Manure worm (Eisenia foetida)	> 750 mg/kg, 28 days, Static test, OECD 207

Components		Species	Test results
BENZALKONIUM CHLORIDE (CAS 8001-54-5)			
Acute			
	IC50	Activated sludge	14 mg/l
Aquatic			
Acute			
Algae	EC50	Green algae (Chlorella pyrenoidosa)	0.056 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	0.018 mg/l, 48 hours, Static test
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)	0.32 mg/l, 96 hours, Static test
		Guppy (Juvenile Poecilia reticulata)	1.3 mg/l, 96 hours, Static renewal test
		Orange-red killfish (Adult Oryzias latipes)	2.4 mg/l, 96 hours, Static renewal test
		Rainbow trout (Adult Oncorhyncus mykiss)	1.15 mg/l, 96 hours, Static test
Microtox	EC50	Microtox	1.43 mg/l, 10 minutes
PHENETHYL ALCOHOL (CAS 60-12-8)			
Acute			
	IC50	Activated sludge	> 1000 mg/l, 3 hours
Chronic			
Other	LC50	Pseudomonas putida	1320 mg/l, 17 hours
Aquatic			
Acute			
Algae	EC50	Green algae (Scenedesmus subspicatus)	490 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	287 mg/l, 48 hours
Fish	EC50	Golden ide/orfe (Adult Leuciscus idus)	220 - 460 mg/l, 96 hours, Static test
POLYOXYETHYLENE (20) SORBITAN MONOOLEATE (CAS 9005-65-6)			
Aquatic			
Acute			
Fish	EC50	Rainbow trout (Juvenile Oncorhyncus mykiss)	471 mg/l, 96 hours

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

12.2. Persistence and degradability

Persistence and degradability

Photolysis

Half-life (Photolysis-atmospheric)

PHENETHYL ALCOHOL	1.6 Days Estimated

UV/visible spectrum wavelength

BECLOMETHASONE DIPROPIONATE	240

Hydrolysis

Half-life (Hydrolysis-acidic)

BECLOMETHASONE DIPROPIONATE	> 1 years Measured

Half-life (Hydrolysis-basic)

BECLOMETHASONE DIPROPIONATE	2.9 Hours Measured

Half-life (Hydrolysis-neutral)

BECLOMETHASONE DIPROPIONATE	166 Hours Measured

Biodegradability

Percent degradation (Aerobic biodegradation-ready)

BECLOMETHASONE DIPROPIONATE	3 %, 28 days Modified Sturm test., Activated sludge
PHENETHYL ALCOHOL	87 %, 14 days MITI test, Activated sludge
POLYOXYETHYLENE (20) SORBITAN MONOOLEATE	52 %

Percent degradation (Aerobic biodegradation-soil)

BECLOMETHASONE DIPROPIONATE	21.9 - 61.5 %, 64 days

12.3. Bioaccumulative potential

Partition coefficient
n-octanol/water (log Kow)

BECLOMETHASONE DIPROPIONATE	3.49
PHENETHYL ALCOHOL	1.36

Bioconcentration factor (BCF)

PHENETHYL ALCOHOL	6 Estimated

12.4. Mobility in soil

Adsorption

Sludge/biomass distribution coefficient - log Kd

BECLOMETHASONE DIPROPIONATE	1.61 - 3.73 Estimated

Soil/sediment sorption - log Koc

BECLOMETHASONE DIPROPIONATE	1.88 - 4 Measured
PHENETHYL ALCOHOL	1.46 Estimated

Mobility in general

Volatility

Henry's law

BECLOMETHASONE DIPROPIONATE	0.000001 atm m^3/mol Calculated, 20 C
PHENETHYL ALCOHOL	0 atm m^3/mol Measured, 25 C

12.5. Results of PBT and vPvB assessment Not available.

12.6. Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information 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.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL73/78 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.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not listed.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not listed.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not listed.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Not listed.

Directive 94/33/EC on the protection of young people at work

Not listed.

Other regulations	The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.
National regulations	Follow national regulation for work with chemical agents.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations	Not available.
References	GSK Hazard Determination
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any statements or R-phrases and H-statements under Sections 2 to 15	R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed. R36 Irritating to eyes. R37/38 Irritating to respiratory system and skin. R41 Risk of serious damage to eyes. R43 May cause sensitization by skin contact. R48/20/21 Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin. R50 Very toxic to aquatic organisms. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R53 May cause long term adverse effects in the aquatic environment. R61 May cause harm to the unborn child. R62 Possible risk of impaired fertility. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation.

H335 May cause respiratory irritation.
H360 May damage the unborn child.
H361 Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H413 May cause long lasting harmful effects to aquatic life.

Revision information

Product and Company Identification: Business Units
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties:
Ecological Information: GSK Environmental Hazard Assessment Concentration
Transport Information: Agency Name and Packaging Type/Transport Mode Selection
Regulatory Information: United States
GHS: Classification

Training information

Follow training instructions when handling this material.

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.