SAFETY DATA SHEET

1. Identification

Product identifier **SARNA ORIGINAL ANTI-ITCH LOTION STEROID FREE**

Other means of identification

Synonyms SARNA ORIGINAL ANTI-ITCH LOTION (WITH CAMPHOR AND MENTHOL) * SARNA ANTI-PRURITIC LOTION * SARNA ANTI-ITCH LOTION * SARNA LOTION * FORMULATION CODE: MF818 * CAMPHOR AND MENTHOL, FORMULATED PRODUCT

Recommended use Cosmetic 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

Stiefel Laboratories, Inc. (a GSK company)
GlaxoSmithKline UK
980 Great West Road
Brentford, Middlesex TW8 9GS UK
UK General Information (normal business hours): +44-20-8047-5000
- -
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

Chemical name	Common name and synonyms	CAS number	%
PHARMACEUTICAL GRADE PETROLATUM	PETROLEUM JELLY VASELINE WHITE PETROLEUM JELLY WHITE PETROLEUM USP PETROLATO (PETROLIO) PETROLATUM PRETOLATO PÉTROLATUM VASELIN	8009-03-8	5 - < 10
CETYL ALCOHOL	1-HEXADECANOL HEXADECYL ALCOHOL N-1-HEXADECANOL N-CETYL ALCOHOL 1-HEXADECYL ALCOHOL CETEARYL ALCOHOL PALMITYL ALCOHOL	36653-82-4	1 - < 3
POLYETHYLENE GLYCOLS	GLYCOLS, POLYETHYLENE ETHYLENE GLYCOL HOMOPOLYMER ETHYLENE GLYCOL POLYMER ETHYLENE OXIDE POLYMER ETHYLENE POLYOXIDE ALPHA, OMEGA-HYDROXYPOLY (ETHYLENE OXIDE) POLY(ETHYLENE OXIDES) POLY(ETHYLENE ETHER) GLYCOL ALPH-HYDRO-OMEGA-HYDROXY POLY (OXY-1,2-ETHANEDIYL) POLYETHYLENE GLYCOL POLY(VINYL OXIDE) 1,2-ETHANEDIOL, MONOPOLYMER POLYETHYLENE OXIDE OXIRANE POLYMER CARBOWAX PEG C6H6O2 OHS19120 RTECS TQ3500000	25322-68-3	1
STEARIC ACID	1-HEPTADECANECARBOXYLIC ACID OCTADECANOIC ACID STEAROPHANIC ACID N-OCTADECANOIC ACID C18H36O2 OHS21873 RTECS WI2800000	57-11-4	1
CAMPHOR	1,7,7-TRIMETHYL-BICYCLO(2.2.1) HEPTAN-2-ONE ROOT BARK SPIRIT 1,7,7-TRIMETHYLNORCAMPHOR SYNTHETIC CAMPHOR GUM CAMPHOR ROOT BARK OIL SPIRIT OF CAMPHOR	76-22-2	<1
MENTHOL	HEXAHYDROTHYMOL MENTHACAMPHOR MENTHOMENTHOL PEPPERMINT CAMPHOR NATURAL MENTHOL	89-78-1	<1

Chemical name	Common name and synonyms	CAS number	%
DMDM HYDANTOIN	2,4-IMIDAZOLIDINEDIONE, 1,3-BIS (HYDROXYMETHYL)-5,5-DIMETHYL- 1,3-BIS(HYDROXYMETHYL)-5,5-DIMETHYL-2,4-IMIDAZOLIDINEDIONE HYDANTOIN, 1,3-BIS(HYDROXYMETHYL)-5,5-DIMETHYL- 1,3-BIS(HYDROXYMETHYL)-5,5-DIMETHYLHYDANTOIN DIMETHYLOL-5,5-DIMETHYLHYDANTOIN DMDMH OHS72467 RTECS MT9191500	6440-58-0	0.2
SODIUM HYDROXIDE	CAUSTIC SODA SODIUM HYDRATE	1310-73-2	0.1
Other components below reportable levels			90 - 95

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

4. First-aid measures

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

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. 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 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 center.

General information In the case of accident or if you feel unwell, seek medical advice immediately (show the label 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 Water. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for 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 is non-flammable.

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. For personal protection, see section 8 of the SDS.

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. Cover with plastic sheet to prevent spreading. 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. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

GSK

Components	Type	Value
MENTHOL (CAS 89-78-1)	8 HR TWA	1000 mcg/m3

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

Components	Type	Value	Form
CAMPHOR (CAS 76-22-2)	PEL	2 mg/m3	
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	PEL	5 mg/m3	Mist.
SODIUM HYDROXIDE (CAS 1310-73-2)	PEL	2 mg/m3	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
CAMPHOR (CAS 76-22-2)	STEL	3 ppm	
	TWA	2 ppm	
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m3	
STEARIC ACID (CAS 57-11-4)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
CAMPHOR (CAS 76-22-2)	TWA	2 mg/m3	
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m3	

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value	Form
POLYETHYLENE GLYCOLS (CAS 25322-68-3)	TWA	10 mg/m3	Particulate.

Biological limit values

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

Exposure guidelines

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	Lotion.
Color	White.
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 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 density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
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.

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

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.
Eye contact	Health injuries are not known or expected under normal use. Direct contact with eyes may cause temporary irritation.
Ingestion	Health injuries are not known or expected under normal use. May be harmful if swallowed. However, ingestion is not likely to be 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

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

Components	Species	Test Results
CAMPHOR (CAS 76-22-2)		
Acute		
Inhalation		
LC50	Rat	500 mg/m3
Oral		
LD50	Mouse	1310 mg/kg
CETYL ALCOHOL (CAS 36653-82-4)		
Acute		
Oral		
LD50	Rat	5 g/kg
DMDM HYDANTOIN (CAS 6440-58-0)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
LD50	Rat	> 2000 mg/kg
MENTHOL (CAS 89-78-1)		
Acute		
Oral		
LD50	Rat	3200 mg/kg
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)		
Acute		
Oral		
LD50	Rat	> 15 g/kg
Chronic		
Oral		
NOAEL	Rat	>= 3000 mg/kg, 2 years
SODIUM HYDROXIDE (CAS 1310-73-2)		
Acute		
Dermal		
LD50	Rabbit	1350 mg/kg

Components	Species	Test Results
Oral		
LD50	Rat	104 - 340 mg/kg
STEARIC ACID (CAS 57-11-4)		
Acute		
Oral		
LD50	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 HYDROXIDE
Literature search
Result: Causes severe burns.

Irritation Corrosion - Skin

MENTHOL
0, Literature data
Result: Irritating to skin
Species: Rabbit
Notes: IUCLID data

Serious eye damage/eye irritation Health injuries are not known or expected under normal use. Direct contact with eyes may cause temporary irritation.

Eye

MENTHOL
0, Literature data
Result: MIld-moderate
Species: Rabbit

SODIUM HYDROXIDE
Literature search
Result: Causes severe burns.

Respiratory or skin sensitization

Respiratory sensitization No studies have been conducted.

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

Sensitization

MENTHOL
Buehler assay, Literature data
Result: Negative
Species: Guinea pig
Notes: IUCLID data
Epidemiology, Literature data
Result: Low incidence of contact hypersensitivity.
Notes: IUCLID data
Modified Draize, Literature data
Result: Positive
Species: Guinea pig
Notes: IUCLID data
Open repetitive dermal test, Literature data
Result: Negative
Species: Guinea pig
Notes: IUCLID data

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

Mutagenicity

MENTHOL
725 mg/kg In vivo-In vitro Replicative DNA synthesis
Result: Positive
Species: Rat
Alkaline Elution Assay In Vitro, Literature data
Result: Negative
Notes: IUCLID data
Ames, Literature dataLiterature data
Result: Negative
Notes: IUCLID data
BlueScreen mammalian cell mutation assay, Literature data
Result: Negative
Notes: IUCLID data

Mutagenicity

MENTHOL	Chromosomal Aberration Assay In Vitro, CHO cells, Literature data Result: Negative Notes: IUCLID data Chromosomal Aberration Assay In Vitro, human lymphocytes, Literature data Result: Negative Notes: IUCLID data GreenScreen mammalian cell mutation assay, Literature dat a Result: Negative Notes: IUCLID data L5178Y mouse lymphoma thymidine kinase locus assay, Literature data Result: Negative Notes: IUCLID data Micronucleus Test, Literature data Result: Negative Species: Mouse Notes: IUCLID data Mutation in Drosophila melanogaster, Literature data Result: Negative Notes: IUCLID data sister chromatid exchange, Literature data Result: Negative Notes: IUCLID data

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

MENTHOL	<= 1000 mg/kg/day, Literature data, dietary study. Result: Negative Species: Rat Test Duration: 103 weeks Notes: IUCLID data <= 2143 mg/kg/day, Literature data, dietary study. Result: Negative Species: Mouse Notes: IUCLID data
PHARMACEUTICAL GRADE PETROLATUM	>= 3000 mg/kg/day 2 year bioassay, oral administration Result: NOAEL Species: Rat Dermal application Result: Negative Species: Mouse

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

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

Reproductivity

MENTHOL	185 mg/kg/day Embryo-foetal development, Literature data Result: NOAEL-Highest dose. Species: Mouse Notes: IUCLID data 218 mg/kg/day Embryo-foetal development - Oral, Literature data Result: NOAEL-Highest dose. Species: Rat Notes: IUCLID data 405 mg/kg/day Embryo-foetal development - Oral, Literature data Result: NOAEL-Highest dose. Species: Hamster Notes: IUCLID data

Reproductivity

MENTHOL — 475 mg/kg/day Embryo-foetal development - Oral, Literature data
Result: NOAEL-Highest dose.
Species: Rabbit
Notes: IUCLID data

Specific target organ toxicity - single exposure Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - repeated exposure Due to partial or complete lack of data the classification is not possible.

Aspiration hazard Not established.

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

12. Ecological information

Ecotoxicity Not expected to be harmful to aquatic organisms.

Components		Species	Test Results
CAMPHOR (CAS 76-22-2)			
Aquatic			
Acute			
Fish	EC50	Fathead minnow (Adult Pimephales promelas)	110 mg/l, 96 hours
CETYL ALCOHOL (CAS 36653-82-4)			
Aquatic			
Acute			
Algae	EC50	Green algae (Scenedesmus subspicatus)	676 mg/l, 96 hours
Fish	EC50	Bluegill sunfish (Adult Lepomis macrochirus)	> 1000 mg/l, 96 hours
		Fathead minnow (Adult Pimephales promelas)	> 500 mg/l, 5 days
SODIUM HYDROXIDE (CAS 1310-73-2)			
Aquatic			
Acute			
Fish	EC50	Mosquito fish (Adult Gambusia affinis)	125 mg/l, 96 hours Static test
		Rainbow trout (Adult Oncorhyncus mykiss)	45.4 mg/l, 96 hours Static test
STEARIC ACID (CAS 57-11-4)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	> 32 mg/l, 47 hours EU Method C.2
Fish	LC0	Carp (Cyprinus carpio)	1000 mg/l, 48 hours OECD 203

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

Persistence and degradability Not available.

Photolysis

Half-life (Photolysis-atmospheric)

CETYL ALCOHOL — 16.7 Hours Estimated
STEARIC ACID — 17 Hours Estimated

UV/visible spectrum wavelength

STEARIC ACID — 210 nm

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

CETYL ALCOHOL — 0.4 %, < 1 day Other degradation test system, Activated sludge
30 - 60 %, 5 days BOD5

STEARIC ACID — 77 %, 28 days BOD

Biodegradability

Percent degradation (Aerobic biodegradation-ready)

STEARIC ACID	95 %, 22 days Sturm test

Percent degradation (Aerobic biodegradation-soil)

STEARIC ACID	50 %, 13 days

Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

MENTHOL	3.4
STEARIC ACID	8.23 8.42

Bioconcentration factor (BCF)

CETYL ALCOHOL	> 9999 Measured
STEARIC ACID	> 9999 Estimated

Mobility in soil Not available.

Adsorption

Soil/sediment sorption - log Koc

CETYL ALCOHOL	3.58 - 4.67 Estimated
STEARIC ACID	5.86 Estimated

Mobility in general Not available.

Volatility

Henry's law

CETYL ALCOHOL	0.000073 atm m^3/mol Estimated
MENTHOL	0.000015 atm m^3/mol, 25 C Estimated
STEARIC ACID	0.000051 Estimated

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Collect 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 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.

Contaminated packaging 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 Annex II of MARPOL 73/78 and the IBC Code Not established.

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)

SODIUM HYDROXIDE (CAS 1310-73-2) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

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 (SDWA) Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

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

PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)
SODIUM HYDROXIDE (CAS 1310-73-2)

US. Massachusetts RTK - Substance List

CAMPHOR (CAS 76-22-2)
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)
SODIUM HYDROXIDE (CAS 1310-73-2)

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

CAMPHOR (CAS 76-22-2)
SODIUM HYDROXIDE (CAS 1310-73-2)

US. Pennsylvania Worker and Community Right-to-Know Law

CAMPHOR (CAS 76-22-2)
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)
SODIUM HYDROXIDE (CAS 1310-73-2)

US. Rhode Island RTK

SODIUM HYDROXIDE (CAS 1310-73-2)

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

Country(s) or region	Inventory name	On inventory (yes/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	02-18-2016
Revision date	02-18-2016
Version #	06
Further information	HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 1 Flammability: 0 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	Product and Company Identification: Material Processes Composition / Information on Ingredients: Undisclosed Ingredient Statement Physical & Chemical Properties: Multiple Properties Transport Information: Regulatory Information: United States