

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Trade name or designation of the mixture** SPECTRO JEL FOR OILY AND COMBINATION SKIN

**Registration number** -

**Synonyms** SPECTRO JEL FOR OILY SKIN \* SPECTRO JEL FOR COMBINATION SKIN \* FORMULA NO: 600160 AND 600170, FORMULATED PRODUCT

**Issue date** 27-April-2014

**Version number** 02

**Revision date** 27-April-2014

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

**Identified uses** 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.

**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](mailto:msds@gsk.com)  
Website: [www.gsk.com](http://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****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** Expected to be non-combustible.  
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
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ETHANOL	3 - < 5	64-17-5 200-578-6	-	603-002-00-5	
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**Classification:** **DSD:** F;R11, Xi;R36  
**CLP:** Flam. Liq. 2;H225, Eye Irrit. 2;H319

GLYCERIN	1 - < 3	56-81-5 200-289-5	-	-	
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**Classification:** **DSD:** -  
**CLP:** -

CETYL ALCOHOL	< 1	36653-82-4 253-149-0	-	-	
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**Classification:** **DSD:** Xi;R38  
**CLP:** Skin Irrit. 2;H315

Triethanolamine	< 0.1	102-71-6 203-049-8	-	-	
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**Classification:** **DSD:** Xi;R36  
**CLP:** Eye Irrit. 2;H319

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.

**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 centre immediately.

**4.2. Most important symptoms and effects, both acute and delayed** Direct contact with eyes may cause temporary irritation.

**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 local poison control information centre.

**SECTION 5: Firefighting measures**

**General fire hazards** Expected to be non-combustible.

**5.1. Extinguishing media**

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**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.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** Keep unnecessary personnel away. For personal protection, see section 8.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** 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. 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.

**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. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

**7.3. Specific end use(s)** Cosmetic Product

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

<b>GSK Components</b>	<b>Type</b>	<b>Value</b>	
Triethanolamine (CAS 102-71-6)	8 HR TWA	4000 mcg/m3	
	OHC	1	
<b>UK. EH40 Workplace Exposure Limits (WELs) Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
ETHANOL (CAS 64-17-5)	TWA	1920 mg/m3 1000 ppm	
GLYCERIN (CAS 56-81-5)	TWA	10 mg/m3	Mist.

**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** If contact is likely, safety glasses with side shields are recommended. (eg. EN 166)

**Skin protection**

<b>- Hand protection</b>	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).
<b>- Other</b>	Wear suitable protective clothing. (EN 14605 for splashes, EN ISO 13982 for dust)
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional.
<b>Environmental exposure controls</b>	
<b>Hazard guidance and control recommendations</b>	Environmental manager must be informed of all major releases.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Gel.
<b>Colour</b>	Not available.
<b>Odour</b>	Not available.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.

#### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.

<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.

#### Solubility(ies)

<b>Solubility (water)</b>	Not available.
<b>Solubility (other)</b>	Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not available.
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<b>Auto-ignition temperature</b>	Not available.
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<b>Decomposition temperature</b>	Not available.
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<b>Viscosity</b>	Not available.
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<b>Explosive properties</b>	Not available.
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<b>Oxidizing properties</b>	Not available.
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<b>9.2. Other information</b>	No relevant additional information available.
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## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Not available.
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<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
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<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
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<b>10.4. Conditions to avoid</b>	Contact with incompatible materials.
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<b>10.5. Incompatible materials</b>	Strong oxidising agents.
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<b>10.6. Hazardous decomposition products</b>	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.
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## SECTION 11: Toxicological information

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

### Information on likely routes of exposure

**Ingestion** Expected to be a low ingestion hazard.  
**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** Direct contact with eyes may cause temporary irritation.

### 11.1. Information on toxicological effects

**Acute toxicity** Health injuries are not known or expected under normal use.

Components	Species	Test results
CETYL ALCOHOL (CAS 36653-82-4)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	5 g/kg
ETHANOL (CAS 64-17-5)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
<b>Chronic</b>		
<i>Oral</i>		
LOAEL	Monkey	40 %, 48 months % ingested calories
<b>Subacute</b>		
<i>Oral</i>		
LOEL	Rat	16.9 g/kg, 4 weeks Dietary - Dose given as g/kg/day 6 %, 4 weeks percent in diet - continuous
<b>Subchronic</b>		
<i>Inhalation</i>		
LOEL	Rat	2 ml, 36 weeks haematological parameters
NOAEL	Guinea pig	3000 ppm No adverse effects
	Rat	86 mg/m3, 90 Day Daily dosing
<i>Oral</i>		
LOAEL	Rat	5000 mg/kg/day, 10 weeks Liver toxicity 80 ml/kg, 85 Day Daily dose - Liver toxicity 10.2 g/kg, 12 weeks Dosed in drinking water - Continuous 7.7 g/kg, 12 weeks Dosed in drinking water - continuous
GLYCERIN (CAS 56-81-5)		
<b>Acute</b>		
<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**  
ETHANOL  
OECD 404  
Result: Negative; not considered a significant irritant  
Species: Rabbit

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

**Eye**  
ETHANOL  
OECD 405  
Result: Severe  
Species: Rabbit

<b>Respiratory sensitisation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.
<b>Sensitisation</b> ETHANOL	OECD 406 Result: negative Species: Guinea pig
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Mutagenicity</b> ETHANOL	Ames Result: negative Chromosomal Aberration Assay In Vitro, CHO cells Result: negative Dominant lethal assay Result: positive Species: Mouse Dominant lethal assay Result: positive Species: Rat Gene mutation and repair Result: negative Species: Bacteria Gene mutation and repair Result: positive Species: Bacteria In vitro cytogenetics assay Result: positive In vitro cytogenetics assay Result: positive Species: Aspergillus niger L5178Y mouse lymphoma thymidine kinase locus assay Result: Weakly positive Yeast mutation Result: negative Yeast mutation Result: positive in vitro micronucleus assay Result: negative in vivo cytogenetics assay Result: negative Species: Hamster in vivo cytogenetics assay Result: negative Species: Rat in vivo cytogenetics assay Result: positive Species: Mouse sister chromatid exchange Result: positive
<b>Carcinogenicity</b>  ETHANOL	Health injuries are not known or expected under normal use. Contains a material (ethanol) classified as a carcinogen by external agencies.  Epidemiology, causation linked to excessive consumption. Species: Human Organ: oral cavity, larynx, pharynx, oesophagus, liver Neonatal, inadequate study Result: negative Species: Rat inadequate study Result: Increase in liver sarcomas Species: Mouse inadequate study Result: Time to tumour reduced Species: Mouse Test Duration: 80 weeks inadequate study Result: negative Species: Hamster Test Duration: 807 Day

**Carcinogenicity**  
ETHANOL

inadequate study  
Result: negative  
Species: Mouse  
Test Duration: 1020 Day  
inadequate study  
Result: negative  
Species: Rat  
inadequate study  
Result: negative  
Species: Rat  
Test Duration: 78 weeks

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Triethanolamine (CAS 102-71-6)

3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity**

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

**Reproductivity**  
ETHANOL

0.3 - 4.1 g/kg Embryo-foetal development - Oral, daily dose  
Species: Monkey  
Organ: facial anomalies, nervous system dysfunction  
1 - 2 g/kg Embryo-foetal development - Oral, daily dose  
Result: embryoletality  
Species: Rat  
1.8 g/kg Embryo-foetal development - Oral, daily dose  
Result: Increased abortion  
Species: Monkey  
5 g/kg Embryo-foetal development - Oral, daily dose -  
intravenous  
Result: reduced foetal body weight; no malformations or  
other variations  
Species: Monkey  
7 - 17 g/kg Embryo-foetal development - Oral, daily dose -  
gavage  
Species: Rat  
Organ: skeletal malformations, dilated renal pelves  
Embryo-foetal development - Oral, 15-30% in diet  
Result: resorptions, neural defects, cardiac malformations  
Species: Mouse  
Embryo-foetal development - Oral, Causation is linked to  
excessive consumption.  
Species: Human  
Organ: growth deficiency, CNS dysfunction, facial defects,  
major organ malformation  
Embryofetal Development, in utero - 36% total calories  
Species: Rat  
Organ: gonadal growth and development  
Fertility, Female, 10% in drinking water  
Result: negative  
Species: Rat  
Fertility, Female, 20-25% total calories  
Result: negative  
Species: Rat  
Fertility, Male, 5-6% v/v liquid diet  
Species: Mouse  
Organ: significant effects on testes and seminal vesicles  
Test Duration: 70 Day

**Specific target organ toxicity -  
single exposure** Not applicable.

**Specific target organ toxicity -  
repeated exposure** None known.

**Aspiration hazard** Not established.

**Mixture versus substance  
information** No information available.

**Other information** None known.

**SECTION 12: Ecological information**

**12.1. Toxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species		Test results
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
ETHANOL (CAS 64-17-5)			
Aquatic			
Acute			
Algae	EC50	Blue-green algae (Microcystis aeruginosa)	1450 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	9190 mg/l, 48 hours Static test
Fish	EC50	Fathead minnow (Adult Pimephales promelas)	14200 mg/l, 96 hours Flow-through test
		Rainbow trout (Adult Salmo gairdneri)	13000 mg/l, 96 hours Static test
* Estimates for product may be based on additional component data not shown.			
12.2. Persistence and degradability	No data is available on the degradability of this product.		
Photolysis			
Half-life (Photolysis-aqueous)			
ETHANOL	1 - 36.6 years Measured		
Half-life (Photolysis-atmospheric)			
CETYL ALCOHOL	16.7 Hours Estimated		
ETHANOL	4 - 5.9 Days Estimated		
Biodegradability			
Percent degradation (Aerobic biodegradation-inherent)			
CETYL ALCOHOL	0.4 %, < 1 day Other degradation test system, Activated sludge		
	30 - 60 %, 5 days BOD5		
ETHANOL	37 - 86 %, 5 days BOD5, Activated sludge		
12.3. Bioaccumulative potential	No data available.		
Partition coefficient			
n-octanol/water (log Kow)			
ETHANOL	-0.31		
GLYCERIN	-1.76		
Triethanolamine	-1		
Bioconcentration factor (BCF)			
CETYL ALCOHOL	> 9999 Measured		
12.4. Mobility in soil	No data available.		
Adsorption			
Soil/sediment sorption - log Koc			
CETYL ALCOHOL	3.58 - 4.67 Estimated		
ETHANOL	1.2 Calculated		
Mobility in general	Not available.		
Volatility			
Henry's law			
CETYL ALCOHOL	0.000073 atm m^3/mol Estimated		
ETHANOL	0.000005 atm m3/mol Measured		
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



<b>Residual waste</b>	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).
<b>Contaminated packaging</b>	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.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

<b>ADR</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	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

<b>Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I</b>	Not listed.
<b>Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II</b>	Not listed.
<b>Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended</b>	Not listed.
<b>Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended</b>	Not listed.
<b>Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended</b>	Not listed.
<b>Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended</b>	Not listed.
<b>Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended</b>	Not listed.
<b>Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry</b>	Not listed.
<b>Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA</b>	Not listed.

#### Authorisations

<b>Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended</b>	Not listed.
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#### Restrictions on use

<b>Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended</b> ETHANOL (CAS 64-17-5)	
<b>Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work</b>	Not listed.
<b>Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding</b>	Not listed.

#### Other EU regulations

<b>Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances</b>	Not listed.
<b>Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work</b> ETHANOL (CAS 64-17-5)	

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**

R11 Highly flammable.  
R36 Irritating to eyes.  
R38 Irritating to skin.  
H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Revision information**

Product and Company Identification: Product and Company Identification  
Composition / Information on Ingredients: Ingredients  
Regulatory Information: United States

**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.