

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

### 1.1. Product identifier

Trade name or designation of the mixture	SPECTRO ACNE CARE VANISHING LOTION
Registration number	-
Synonyms	SPECTRO ACNE CARE VANISHING LOTION (CANADA) * SPECTRO ACNE CARE DEEP PORE VANISHING LOTION * SPECTRO LOTION (CONTAINING BENZOYL PEROXIDE) * FORMULA NO. 21211-02-0001 * BENZOYL PEROXIDE, FORMULATED PRODUCT
Issue date	29-July-2013
Version number	02
Revision date	29-July-2013

### 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  
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

#### 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

This product is non-flammable.  
May cause transient eye irritation. May produce allergic skin reactions.  
Possible effects of overexposure in the workplace include: irritation; symptoms of hypersensitivity (such as skin rash, hives, itching).

## 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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BENZOYL PEROXIDE	5	94-36-0 202-327-6	-	617-008-00-0	
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**Classification:** **DSD:** E;R3, O;R7, Xi;R36, R43, N;R50  
**CLP:** Org. Perox. C;H242, Skin Sens. 1;H317, Eye Irrit. 2;H319, Aquatic Acute 1;H400, Aquatic Chronic 4;H413

Other components below reportable levels 95.0

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** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**4.2. Most important symptoms and effects, both acute and delayed** May cause allergic skin reaction.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically.

## 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 (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.

**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. Do not touch or walk through spilled material. 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 discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water.

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 breathing mist or vapour. Avoid contact with skin. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

#### 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)

Cosmetic Product

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

###### GSK

Not established

###### UK. EH40 Workplace Exposure Limits (WELs)

###### Components

###### Type

###### Value

BENZOYL PEROXIDE  
(CAS 94-36-0)

TWA

5 mg/m<sup>3</sup>

#### 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.

##### 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.

###### Eye/face protection

Avoid contact with eyes. Wear safety glasses with side shields (or goggles). (eg. EN 166) Eye wash fountain is recommended.

###### Skin protection

###### - Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Select suitable chemical resistant protective gloves (EN 374) with a protective index 6 (>480min permeation time).

###### - Other

Wear suitable protective clothing. (EN 14605 for splashes, EN ISO 13982 for dust)

###### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Where breathable aerosols/dust are formed, use suitable combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (eg. EN 14387).

###### 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. Contaminated work clothing should not be allowed out of the workplace.

##### Environmental exposure controls

###### Hazard guidance and control recommendations

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

###### Physical state

Liquid.

###### Form

Lotion.

###### Colour

Not available.

##### Odour

Not available.

##### Odour threshold

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.
<b>Upper/lower flammability or explosive limits</b>	
<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.
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	No relevant additional information available.

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Toxic or corrosive thermal decomposition products are expected when this material is exposed to fire.

## SECTION 11: Toxicological information

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

### Information on likely routes of exposure

<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.

**Symptoms** Direct contact with eyes may cause temporary irritation.

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	May cause allergic skin reaction.
<b>Skin corrosion/irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Serious eye damage/eye irritation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Respiratory sensitisation</b>	Due to partial or complete lack of data the classification is not possible.
<b>Skin sensitisation</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Carcinogenicity</b>	

#### IARC Monographs. Overall Evaluation of Carcinogenicity

BENZOYL PEROXIDE (CAS 94-36-0)

3 Not classifiable as to carcinogenicity to humans.

<b>Reproductive toxicity</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - single exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Specific target organ toxicity - repeated exposure</b>	Due to partial or complete lack of data the classification is not possible.
<b>Aspiration hazard</b>	Due to partial or complete lack of data the classification is not possible.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

**12.1. Toxicity** Toxic to aquatic life.

Components	Species	Test results
BENZOYL PEROXIDE (CAS 94-36-0)		
<i>Acute</i>		
	IC50	Activated sludge
		35 mg/l, 30 minutes
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Green algae (Selenastrum capricornutum)
		0.07 mg/l, 72 hours, Static test
Crustacea	EC50	Water flea (Daphnia magna)
		0.07 mg/l, 48 hours, Static test
Fish	EC50	Guppy (Juvenile Poecilia reticulata)
		2 mg/l, 96 hours
		Orange-red killfish (Juvenile Oryzias latipes)
		0.24 mg/l, 96 hours, Flow-through 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.

### Persistence and degradability

#### Photolysis

##### Half-life (Photolysis-atmospheric)

BENZOYL PEROXIDE 4.5 Days Estimated

#### Hydrolysis

##### Half-life (Hydrolysis-acidic)

BENZOYL PEROXIDE 11.87 Hours Measured, pH 4 buffer solution

##### Half-life (Hydrolysis-neutral)

BENZOYL PEROXIDE 5.2 Hours Measured, pH 7 Buffer Solution

#### Biodegradability

##### Percent degradation (Aerobic biodegradation-ready)

BENZOYL PEROXIDE 83 %, 20 Days MITI test, Activated sludge

**12.3. Bioaccumulative potential** Not available.

### Partition coefficient

#### n-octanol/water (log Kow)

BENZOYL PEROXIDE 3.43 (Measured).  
3.46

### Bioconcentration factor (BCF)

BENZOYL PEROXIDE 92 Estimated

**12.4. Mobility in soil** No data available.

#### Adsorption

##### Soil/sediment sorption - log Koc

BENZOYL PEROXIDE 3.26 Estimated

### Mobility in general

#### Volatility

##### Henry's law

BENZOYL PEROXIDE 0.000004 atm m<sup>3</sup>/mol Calculated

**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. 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.

## SECTION 14: Transport information

### ADR

<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (SPECTRO LOTION (CONTAINING BENZOYL PEROXIDE))
<b>14.3. Transport hazard class(es)</b>	9
<b>Subsidiary class(es)</b>	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	No
<b>Tunnel restriction code</b>	Not available.
<b>Labels required</b>	9
<b>14.6. Special precautions for user</b>	May be able to ship as an Excepted or Limited Quantity. Review all HazMat Table packaging exceptions and instructions to identify options. May not be subject to ADR; See SP 601.

### IATA

<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (SPECTRO LOTION (CONTAINING BENZOYL PEROXIDE))
<b>14.3. Transport hazard class(es)</b>	9
<b>Subsidiary class(es)</b>	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Not available.
<b>Labels required</b>	Not available.
<b>ERG code</b>	9L
<b>14.6. Special precautions for user</b>	May be able to ship as an Excepted or Limited Quantity. Review all HazMat Table packaging exceptions and instructions to identify options. ID 8000, Consumer Commodity, may apply. See Packing Instruction Y963.

### IMDG

<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	Environmentally hazardous substances, liquid, n.o.s. (SPECTRO LOTION (CONTAINING BENZOYL PEROXIDE))
<b>14.3. Transport hazard class(es)</b>	9
<b>Subsidiary class(es)</b>	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>Labels required</b>	9
<b>14.6. Special precautions for user</b>	May be exempt from IMDG regulations. See SP 335. May be able to ship as an Excepted or Limited Quantity. Review all HazMat Table packaging exceptions and instructions to identify options.

**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**

BENZOYL PEROXIDE (CAS 94-36-0)

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

BENZOYL PEROXIDE (CAS 94-36-0)

#### 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

Young people under 18 years old are not allow to work with this product according to the EU Directive 94/33/EC on the protection of young people at work. 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**

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R36 Irritating to eyes.

R43 May cause sensitization by skin contact.

R50 Very toxic to aquatic organisms.

R7 May cause fire.

H242 Heating may cause a fire.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H413 May cause long lasting harmful effects to aquatic life.

**Revision information**

Product and Company Identification: Product and Company Identification

Composition / Information on Ingredients: Ingredients

Transport Information: Material Transportation Information

**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.