SAFETY DATA SHEET

1. Identification

Product identifier **SPECTRO JEL FOR OILY AND COMBINATION SKIN**

Other means of identification Not available.

Synonym(s) SPECTRO JEL FOR OILY SKIN * SPECTRO JEL FOR COMBINATION SKIN * FORMULA NO: 600160 AND 600170, 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

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	%
ETHANOL	243 (GW ACN) ALCOHOL ALCOHOL ANHYDROUS ANHYDROUS ETHANOL ANHYDROUS ETHYL ALCOHOL ETHANOL 200 PROOF ETHYL ALCOHOL ETHYL ALCOHOL USP 200 PROOF (USI) ETHYL ALCOHOL, 100% ETHYL HYDRATE ETHYL HYDROXIDE ETHYLIC ALCOHOL GRAIN ALCOHOL METHYL CARBINOL RTECS KQ6300000 UN 1170 ALCOHOL ETILICO (ETANOL) ALCOOL ETILICO ALCOOL ÉTHYLIQUE ETANOL ETANOLI ETANOLO ETANOOL ETHANOL ETHYLALCOHOL ETHYLALKOHOL ÁLCOOL ETÍLICO ÉTHANOL ÉTHANOL (ALCOOL ÉTHYLIQUE) OU ÉTHANOL EN SOLUTION (ALCOOL ÉTHYLIQUE EN SOLUTION)	64-17-5	3 - < 5
GLYCERIN	GLYCEROL GLYCERIN ANHYDROUS GLYCERINE GLYCERITOL GLYCYL ALCOHOL 1,2,3-PROPANETRIOL PROPANETRIOL GLYROL GLYSANIN TRIHYDROXYPROPANE 1,2,3-TRIHYDROXYPROPANE OSMOGLYN	56-81-5	1 - < 3
CETYL ALCOHOL	1-HEXADECANOL HEXADECYL ALCOHOL 1-CETANOL CETAL CETANOL CETYLIC ALCOHOL CETYLOL HEXADECANOL N-1-HEXADECANOL N-CETYL ALCOHOL N-HEXADECANOL 1-HEXADECYL ALCOHOL 1-NAXADECANOL CETEARYL ALCOHOL CETO-STEARYL ALCOHOL ALCOHOLS, C16-C19 HEXADECAN-1-OL PALMITYL ALCOHOL PALMITIC ALCOHOL C16H34O OHS04525 RTECS MM0225000	36653-82-4	< 1

Chemical name	Common name and synonyms	CAS number	%
TRIETHANOLAMINE	2,2',2"-NITRILOTRIETHANOL 2,2,2-TRIHYDROXYTRIETHYLAMINE TRI(HYDROXYETHYL)AMINE TRIHYDROXYETHYL AMINE TRIS(2-HYDROXYETHYL)AMINE TROLAMINE DALTOGEN STEROLAMIDE TRIETHANOLAMIN NITRILOTRIETHANOL STING-KILL TRIHYDROXYTRIETHYLAMINE TEA 2,2',2"-NITRILOTRIS(ETHANOL) ETHANOL, 2,2',2"-NITRILOTRIS- ETHANOL, 2,2',2"-NITRILOTRI- TRIS(BETA-HYDROXYETHYL)AMINE C6H15NO3 OHS23930 RTECS KL9275000	102-71-6	< 0.1
Other components below reportable levels			90 - 100

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

4. 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 center immediately.

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 local poison control information centre.

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.

5. Fire-fighting measures

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

Unsuitable extinguishing media None known.

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

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions Move containers from fire area if you can do so without risk.

General fire hazards Expected to be non-combustible.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the 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. Prevent entry into waterways, sewer, basements or confined areas. 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 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Avoid contact with skin. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store locked up. 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 SDS).

8. Exposure controls/personal protection

Occupational exposure limits

GSK

Components	Type	Value
TRIETHANOLAMINE (CAS 102-71-6)	8 HR TWA	4000 mcg/m3
	OHC	1

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

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm	
GLYCERIN (CAS 56-81-5)	PEL	5 mg/m3 15 mg/m3	Respirable fraction. Total dust.

US. ACGIH Threshold Limit Values

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm

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

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An Exposure Control Approach (ECA) is established for operations involving this material based upon the OEL/Occupational Hazard Category and the outcome of a site- or operation-specific risk assessment.

Individual protection measures, such as personal protective equipment

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

Hand protection The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Glove selection must take into account any solvents and other hazards present.

Other Wear suitable protective clothing.

Respiratory protection No personal respiratory protective equipment normally required.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations 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 Gel.

Color Not available.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	Not available.
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	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

11. Toxicological information

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 related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

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)		
Acute		
Oral		
LD50	Rat	5 g/kg
ETHANOL (CAS 64-17-5)		
Acute		
Oral		
LD50	Rat	> 2000 mg/kg
Chronic		
Oral		
LOAEL	Monkey	40 %, 48 months % ingested calories

Components	Species	Test Results
Subacute		
Oral		
LOEL	Rat	16.9 g/kg, 4 weeks Dietary - Dose given as g/kg/day
		6 %, 4 weeks percent in diet - continuous
Subchronic		
Inhalation		
LOEL	Rat	2 ml, 36 weeks haematological parameters
NOAEL	Guinea pig	3000 ppm No adverse effects
	Rat	86 mg/m3, 90 Day Daily dosing
Oral		
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)		
Acute		
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

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

Respiratory or skin sensitization

Respiratory sensitization Not available.

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

Sensitization

ETHANOL
OECD 406
Result: Negative
Species: Guinea pig

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

Mutagenicity

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

Mutagenicity

ETHANOL

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

Carcinogenicity

Health injuries are not known or expected under normal use. Contains a material (ethanol) classified as a carcinogen by external agencies.

ETHANOL

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: Negative
Species: Hamster
Test Duration: 807 Day
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
inadequate study
Result: Time to tumour reduced
Species: Mouse
Test Duration: 80 weeks

IARC Monographs. Overall Evaluation of Carcinogenicity

TRIETHANOLAMINE (CAS 102-71-6) 3 Not classifiable as to carcinogenicity to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

ETHANOL (CAS 64-17-5) Known To Be Human Carcinogen.

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

Not listed.

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 anomolies, nervous system dysfunction
1 - 2 g/kg Embryo-foetal development - Oral, daily dose
Result: embryolethality
Species: Rat
1.8 g/kg Embryo-foetal development - Oral, daily dose
Result: Increased abortion
Species: Monkey

Reproductivity

ETHANOL

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.

Chronic effects None known.

Further information None known.

12. Ecological information

Ecotoxicity 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.

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

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

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

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

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

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

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 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.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

ETHANOL (CAS 64-17-5)	Listed.

SARA 304 Emergency release notification

Not regulated.

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

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

SARA 302 Extremely hazardous substance

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. Massachusetts RTK - Substance List

ETHANOL (CAS 64-17-5)
GLYCERIN (CAS 56-81-5)
TRIETHANOLAMINE (CAS 102-71-6)

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

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

ETHANOL (CAS 64-17-5)
GLYCERIN (CAS 56-81-5)
TRIETHANOLAMINE (CAS 102-71-6)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

ETHANOL (CAS 64-17-5) Listed: April 29, 2011
Listed: July 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

ETHANOL (CAS 64-17-5) Listed: October 1, 1987

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	04-27-2014
Revision date	04-27-2014
Version #	02
Further information	HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings	Health: 2* Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 1 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: Product and Company Identification Composition / Information on Ingredients: Ingredients Regulatory Information: United States