

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Mykosept / Mykosept Spray

Print date: 15.04.2016

Product code: 755

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

Mykosept / Mykosept Spray

Product group: Eigenprodukt

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

Cosmetic product

1.3. Details of the supplier of the safety data sheet

| | | |
|---|--|---------------------------|
| Company name: | Wilde Cosmetics GmbH | |
| Street: | Rheingastr. 19a | |
| Place: | D-65375 Oestrich-Winkel | |
| Post-office box: | 1220 | |
| | D-65368 Oestrich-Winkel | |
| Telephone: | +49-6723-6020-0 | Telefax: +49-6723-6020-15 |
| e-mail: | beate.kerntopf@wilde-group.com | |
| Contact person: | Dr. Beate Kerntopf | Telephone: -752 |
| 1.4. Emergency telephone number: | +49-6723-6020-0 This telephone number is available during office hours only. | |

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 2

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Highly flammable liquid and vapour.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

The classification is in compliance with coming legislation and therefore may differ from the safety label on the package.

2.2. Label elements**Regulation (EC) No. 1272/2008**

Signal word: Danger

Pictograms:

**Hazard statements**

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements

| | |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P273 | Avoid release to the environment. |

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P501 Dispose of contents/container to Offer surplus and non-recyclable solutions to a licensed disposal company..

2.3. Other hazards

Keep out of the reach of children.
 Processing may lead to evolution of flammable volatiles.
 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Chemical Name / INCI:
 Aqua (Water)
 Alcohol Denat. (ethanol, ethyl alcohol)
 Methyl Gluceth-20
 PEG-40 Hydrogenated Castor Oil
 Parfum (Fragrance)
 Panthenol
 Propylene Glycol
 Triclosan
 Bisabolol
 Farnesol
 CI 61570 (Green 5)
 Citronellol
 Coumarin
 Geraniol

Hazardous components

| CAS No | Chemical name | Quantity |
|-----------|---|--------------|
| | EC No | Index No |
| | | REACH No |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
| 64-17-5 | ethanol, ethyl alcohol | 25 - 50 % |
| | 200-578-6 | 603-002-00-5 |
| | Flam. Liq. 2; H225 | |
| 3380-34-5 | 2,4,4'-trichloro-2'-hydroxy-diphenyl-ether, 5-chloro-2-(2,4-dichlorophenoxy)phenol, triclosan | 0,1 - 1 % |
| | 222-182-2 | 604-070-00-9 |
| | Eye Irrit. 2, Skin Irrit. 2, Aquatic Acute 1 (M-Factor = 100), Aquatic Chronic 1 (M-Factor = 100); H319 H315 H400 H410 | |

Full text of H and EUH statements: see section 16.

Further Information

The classification is in compliance with coming legislation and therefore may differ from the safety label on the package.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off all contaminated clothing immediately. Call a physician immediately.

After inhalation

Move to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice.

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After contact with skin

In case of contact, immediately flush skin with soap and plenty of water. If skin irritation occurs, seek medical advice/attention.

After contact with eyes

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Vapours may cause irritation to the eyes, respiratory system and the skin. May cause sensitization by skin contact. Vapours may cause drowsiness and dizziness. Symptoms: Exposure may result in reddening, tears and itching of the eyes and soreness in the nose and throat, together with coughing. Difficulty in breathing. May cause headache and dizziness. Unconsciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Vapours are heavier than air and may spread along floors. Vapors may spread long distances and ignite.

Vapours may form explosive mixtures with air. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from sources of ignition - No smoking. Use water spray to cool unopened containers. Container may rupture on heating.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use only explosion-proof equipment.

Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. Use personal protective equipment. Keep away from sources of ignition - No smoking. Avoid breathing vapors, mist or gas. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Ensure adequate ventilation. Use explosion-proof equipment.

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6.4. Reference to other sections

13. Disposal considerations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only with adequate ventilation. Handle and open container with care. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas. Wash hands before breaks and at the end of workday. Eye wash bottle with pure water. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to the workstation location.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapors may spread long distances and ignite. Vapours may form explosive mixtures with air. Use only explosion-proof equipment. Use only in an area containing explosion proof equipment. Keep away from sources of ignition - No smoking.

Further information on handling

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in an area equipped with solvent resistant flooring. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Store in original container. Keep away from direct sunlight.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Materials to avoid: Oxidizing and spontaneously flammable products, Flammable materials, Organic peroxides, Oxidizing agents

7.3. Specific end use(s)

Cosmetic product

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|---------|-----------|------|-------------------|-----------|---------------|--------|
| 64-17-5 | Ethanol | 1000 | 1920 | | TWA (8 h) | WEL |
| | | - | - | | STEL (15 min) | WEL |

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DNEL/DMEL values

| CAS No | Substance | Exposure route | Effect | Value |
|--------------------------|---|----------------|----------|------------------------|
| 64-17-5 | ethanol, ethyl alcohol | | | |
| Worker DNEL, acute | | inhalation | local | 1900 mg/m ³ |
| Worker DNEL, long-term | | inhalation | systemic | 950 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | systemic | 114 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 87 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 206 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | systemic | 343 mg/kg bw/day |
| Consumer DNEL, acute | | inhalation | local | 950 mg/m ³ |
| 3380-34-5 | 2,4,4'-trichloro-2'-hydroxy-diphenyl-ether, 5-chloro-2-(2,4-dichlorophenoxy)phenol, triclosan | | | |
| Worker DNEL, long-term | | inhalation | systemic | 3 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 2,8 mg/kg bw/day |

PNEC values

| CAS No | Substance | Environmental compartment | Value |
|---------------------|---|---------------------------|--------------|
| 64-17-5 | ethanol, ethyl alcohol | | |
| Freshwater sediment | | | 3,6 mg/kg |
| Freshwater | | | 0,96 mg/l |
| Marine sediment | | | 2,9 mg/kg |
| Marine water | | | 0,79 mg/l |
| Soil | | | 0,63 mg/kg |
| Secondary poisoning | | | 720 mg/kg |
| 3380-34-5 | 2,4,4'-trichloro-2'-hydroxy-diphenyl-ether, 5-chloro-2-(2,4-dichlorophenoxy)phenol, triclosan | | |
| Freshwater sediment | | | 1 mg/kg |
| Freshwater | | | 0,00007 mg/l |
| Marine sediment | | | 0,1 mg/kg |
| Soil | | | 0,196 mg/kg |

8.2. Exposure controls

Appropriate engineering controls

Information about special precautions needed for bulk handling is available on request.

Protective and hygiene measures

Handle and open container with care. Keep away from food, drink and animal feedingstuffs. Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday.

Eye/face protection

Tightly fitting safety goggles

Hand protection

Use protective skin cream before handling the product.

Solvent-resistant gloves (butyl-rubber)

Break through time: >= 1 h

Glove thickness: 0,5 mm

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is

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used, such as the danger of cuts, abrasion, and the contact time. Replace when worn.

Skin protection

impervious clothing

Respiratory protection

Use only with adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection complying with EN 141.

Environmental exposure controls

The product should not be allowed to enter drains, water courses or the soil. Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | liquid |
| Colour: | colourless |
| Odour: | characteristic |

Test method

Changes in the physical state

| | |
|--|----------|
| Initial boiling point and boiling range: | 78 *) °C |
|--|----------|

| | |
|--------------|----------|
| Flash point: | 12 *) °C |
|--------------|----------|

| | |
|-------------------------|---------------|
| Lower explosion limits: | 3,5 *) vol. % |
|-------------------------|---------------|

| | |
|-------------------------|--------------|
| Upper explosion limits: | 15 *) vol. % |
|-------------------------|--------------|

| | |
|-----------------------|-----------|
| Ignition temperature: | 400 *) °C |
|-----------------------|-----------|

| | |
|--------------------------------|-----------|
| Vapour pressure: (at 20 °C) | 59 *) hPa |
|--------------------------------|-----------|

| | |
|--------------------------------|------------|
| Vapour pressure: (at 50 °C) | 280 *) hPa |
|--------------------------------|------------|

| | |
|----------|------------------------|
| Density: | 0,91 g/cm ³ |
|----------|------------------------|

| | |
|---------------------------------|----------|
| Water solubility: (at 20 °C) | miscible |
|---------------------------------|----------|

Solubility in other solvents

miscible with most organic solvents

| | |
|------------------|---------|
| Solvent content: | 41,50 % |
|------------------|---------|

9.2. Other information

*) ethanol, ethyl alcohol

SECTION 10: Stability and reactivity

10.1. Reactivity

No data is available on the product itself.

10.2. Chemical stability

Keep containers tightly closed in a cool, well-ventilated place.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Keep away from heat and sources of ignition. Do not smoke.

Keep away from direct sunlight. Do not expose to temperatures above 40 °C.

Take measures to prevent the build up of electrostatic charge.

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10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

acetic acid. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data is available on the product itself.

Acute toxicity

| CAS No | Chemical name | | | |
|-----------|---|-------------------|---------|-------------------------|
| | Exposure route | Dose | Species | Source |
| 64-17-5 | ethanol, ethyl alcohol | | | |
| | oral | LD50 6200 mg/kg | Rat | IUCLID |
| | inhalative (4 h) vapour | LC50 95,6 mg/l | Rat | RTECS |
| 3380-34-5 | 2,4,4'-trichloro-2'-hydroxy-diphenyl-ether, 5-chloro-2-(2,4-dichlorophenoxy)phenol, triclosan | | | |
| | oral | LD50 > 5000 mg/kg | rat | OECD Test Guideline 401 |
| | dermal | LD50 > 6000 mg/kg | rat | OECD Test Guideline 402 |

Specific effects in experiment on an animal

No data is available on the product itself.

Additional information on tests

No data is available on the product itself.

Practical experience

Observations relevant to classification

Health injuries are not known or expected under normal use.

Other observations

Health injuries are not known or expected under normal use.

Further information

Harmful if swallowed. Effects due to ingestion may include: Nausea, narcosis, Weakness, Dizziness, Unconsciousness. If inhaled: Irritation of mucous membranes, Dizziness. Repeated exposure may cause skin dryness or cracking.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself.

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| CAS No | Chemical name | | | | |
|-----------|---|--------------|--------------|---------|---|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source |
| 64-17-5 | ethanol, ethyl alcohol | | | | |
| | Acute crustacea toxicity | EC50 mg/l | 9268 - 14221 | 48 h | Daphnia magna IUCLID |
| 3380-34-5 | 2,4,4'-trichloro-2'-hydroxy-diphenyl-ether, 5-chloro-2-(2,4-dichlorophenoxy)phenol, triclosan | | | | |
| | Acute fish toxicity | LC50 | 0,54 mg/l | 96 h | Brachydanio rerio (zebra fish) OECD Test Guideline 203 |
| | Acute algae toxicity | ErC50 | 0,00161 mg/l | 72 h | |
| | Acute crustacea toxicity | EC50 | 0,427 mg/l | 48 h | Daphnia magna (Water flea) OECD Test Guideline 202 |
| | Fish toxicity | NOEC | 0,0341 mg/l | 96 d | Oncorhynchus mykiss (rainbow trout) |
| | Crustacea toxicity | NOEC | 0,04 mg/l | 21 d | Daphnia magna (Water flea) OECD 211 |

12.2. Persistence and degradability

No data is available on the product itself.

12.3. Bioaccumulative potential

No data is available on the product itself.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|---------|------------------------|---------|
| 64-17-5 | ethanol, ethyl alcohol | -0,31 |

12.4. Mobility in soil

No data is available on the product itself.

12.5. Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

No data is available on the product itself.

Further information

No data is available on the product itself.

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of contents/container in accordance with local regulation.

Waste disposal number of waste from residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances
Classified as hazardous waste.

Waste disposal number of used product

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080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances
Classified as hazardous waste.

Contaminated packaging

Dispose of contents/container in accordance with local regulation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Classification code: F1
 Special Provisions: 144 601
 Limited quantity: 1 L
 Excepted quantity: E2
 Transport category: 2
 Hazard No: 33
 Tunnel restriction code: D/E

Other applicable information (land transport)

E2

Inland waterways transport (ADN)

14.1. UN number: UN1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Classification code: F1
 Special Provisions: 144 601
 Limited quantity: 1 L
 Excepted quantity: E2

Other applicable information (inland waterways transport)

E2

Marine transport (IMDG)

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14.1. UN number: UN1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Special Provisions: 144
 Limited quantity: 3 L
 Excepted quantity: E2
 EmS: F-E, S-D

Other applicable information (marine transport)
 E2

Air transport (ICAO)

14.1. UN number: UN1170
14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Special Provisions: A3 A58 A180
 Limited quantity Passenger: 1 L
 Passenger LQ: Y341
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 353
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 364
 IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)
 E2
 Y341

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: 2,4,4'-trichloro-2'-hydroxy-diphenyl-ether, 5-chloro-2-(2,4-dichlorophenoxy)phenol, triclosan

14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice. Health injuries are not known or expected under normal use.

SECTION 15: Regulatory information

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

EU regulatory information

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2004/42/EC (VOC): 41,5 % (377,65 g/l)

Additional information

Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers. Take note of Dir 94/33/EC on the protection of young people at work.

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Further Information

All data refer to the product upon delivery

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)