

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 1 from 8

Print date: 11.03.2020

SECTION 1: DESIGNATION OF THE MIXTURE AND OF THE COMPANY.

1.1 Product identifier.

Product designation: FAKOLITH FK 14

1.2 Relevant identified uses of the mixture and uses advised against.

Antifungal solution

Uses advised against:

Uses other than recommended.

1.3 Details of the supplier providing the safety data sheet.

-Manufacturer/Supplier:

Company: **Fakolith Farben GmbH**
Address: Carl-Benz-Str. 19
Place: 64658 Fürth/Odw.
Phone: +49 (0) 6253/ 2394-0
Fax: +49 (0) 6253/ 2394-10

-Informing area:

Germany: Uwe Farenkopf (germany@fakolith.com)
49 (0) 6253 / 2394-0 Fax: +49 (0) 6253 / 2394-10

1.4 Telephone for emergencies:

Germany: +49 (0) 61 31 19 240
Austria: +43 (0) 14 06 43 43
Switzerland: +41 (0) 44 25 15 151
Italy: +39 (0) 26 44 42 523

SECTION 2: POTENTIAL HAZARDS.

2.1 Classification of the mixture.

The product is classified as non-hazardous according to (EU) Regulation No. 1272/2008.

2.2 Marking elements.

Active substances:
Didecyldimethylammonium chloride, 0.49%;

2.3 Other hazards.

Under normal conditions of use and in its original form, the product has no other negative effects on health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

This mixture does not contain substances that pose a risk to health or the environment according to Regulation (CE) No. 1272/2008, have not been assigned a limit in the workplace as far as the community is concerned, nor are they classified as PBTs or vPvBs or included in the list of candidates.

-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 2 from 8

Print date: 11.03.2020

* See Regulation (EC) No 1272/2008, Annex VI, section 1.2.

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

The composition and nature of the substances contained in the product do not require any special warnings.

Inhale.

Injured persons should be brought into fresh air, kept warm and in a resting position. If breathing is irregular or fails, give mouth-to-mouth resuscitation.

Contact with the eyes.

If necessary, remove contact lenses if it is easy to do. Flush eyes with plenty of clean, fresh water for at least 10 minutes, pulling eyelids up and seeking medical attention at first opportunity.

Contact with the skin.

Remove contaminated clothing.

Intake.

Keep injured person in resting position. DO NOT, UNDER ANY CIRCUMSTANCES, cause fractures.

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

There are no known acute or delayed effects as a result of exposure to the product.

4.3 Indication of immediate medical attention or special treatment.

In case of doubt or symptoms of indisposition, call for medical help. Never give substances or liquids of any kind to unconscious persons.

SECTION 5: FIRE-FIGHTING MEASURES.

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguishing powder or CO₂. For more severe fires also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct water jet for extinguishing. Do not use water or foam as an extinguishing agent in the presence of electrical voltage.

5.2 Special hazards arising from the mixture.

Special risks.

The fire may cause dense black smoke. Hazardous substances may be released as a result of thermal decomposition: Carbon monoxide, carbon dioxide. Exposure of the combustion or decomposition products is harmful to health.

5.3 Advice for firefighters.

Cool tanks, storage containers or other containers in the direct vicinity of the heat source or fire with water. Take the wind direction into account.

Fire Protection Equipment.

Depending on the extent of the fire, it may be necessary to wear thermal protective suits, appropriate breathing apparatus, gloves, goggles or face mask and boots.

SECTION 6: ACTION TO BE TAKEN IN THE EVENT OF IMPROPER RELEASE.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and personal protection see section 8.

-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 3 from 8

Print date: 11.03.2020

6.2 Environmental protection measures.

Not classified as an environmentally hazardous product, any spillage should be avoided where possible.

6.3 Methods and material for containment and cleaning up.

Absorb spilled substances with absorbent and non-flammable material (earth, sand, vermiculite, diatomaceous earth, etc.). Store product and absorbent material in a suitable container. Immediately clean the contaminated area with a suitable decontaminant. The decontamination agent is added to the waste and left to act in the unsealed container for several days until no further reactions occur.

6.4 Reference to other sections.

For suspension control and personal protection measures, see inscription 8.

For the disposal of residual materials, follow the recommendations in Inscription 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require any special treatment, so we recommend the following general measures:

For personal protection, see heading 8.

Do not smoke, eat or drink in the areas where the product is used.

The relevant regulations on safety and hygiene in the workplace must be complied with.

Never use pressure to empty the containers. The containers are not pressure vessels. Always keep the product in its original container.

7.2 Conditions for safe storage taking into account incompatibilities.

The product does not require any special precautions for storage.

General storage conditions must take into account sources of heat, radiation and electricity, as well as contact with foodstuffs.

The containers can be stored in temperature ranges from 5 to 35 °C in dry and well ventilated rooms.

Storage in accordance with relevant local regulations. The instructions given on the label must be observed.

The product is not affected by the EU Directive 2012/18/EU (SEVESO III).

Storage class (LGK) 12. non-flammable liquids.

7.3 Specific end uses.

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT.

8.1 Parameters to be monitored.

The product does not contain substances OEL Occupational Exposure. The product does not contain substances with biological limits.

8.2 Exposure controls.

Technical measures:

Provide adequate ventilation. Effective on-site exhaust/ventilation and an effective general exhaust system may be used for this purpose.

Concentration:	100 %
Uses:	Antifungal solution
Respiratory protection:	
No personal protective equipment is required if the recommended technical precautions are taken.	
Hand protection:	
PPE:	Protective gloves against chemical products
Features:	"CE" mark category III.
CEN standards:	EN 374-1, EN 374-2, EN 374-3, EN 420



-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)



FAKOLITH FK 14

FAKOLITH
chemical systems

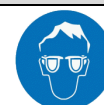
Version: 3

Last change: 11.03.2020

Page 4 from 8

Print date: 11.03.2020

Retention:	They must be stored in a dry place away from possible sources of heat and, if possible, not exposed to sunlight. The gloves must not be modified in any way that may affect their resistance, nor must they be painted, solved or glued.		
Comments:	The gloves must be selected in a suitable size and fit neither too tightly nor too loosely on the hand. They must always be worn with clean and dry hands.		
Material:	Neoprene	Breakthrough time (min): > 480	Material thickness (mm): 0,13
Material:	Nitrile	Breakthrough time (min): > 480	Material thickness (mm): 0,38
Protective measures for the eyes:			
PPE:	Full view safety goggles		
Features:	"CE" mark category II. Full vision goggles for protection against dust, smoke, mists and vapours.		
CEN standards:	EN 165, EN 166, EN 167, EN 168		
Retention:	Visibility through the lenses must be optimal, for which they must be cleaned daily. The protective device must be disinfected regularly according to the manufacturer's instructions.		
Comments:	Indications of wear can be: Yellowish discoloration of the lenses, scratches on the lens surface, fissures, etc.		
Protective measures for the skin:			
PPE:	Work shoes		
Features:	"CE" mark category II.		
CEN standards:	EN ISO 13287, EN 20347		
Retention:	This article adapts to the shape of the foot of the first user. For this reason and for hygienic reasons, its reuse by another person must be avoided.		
Comments:	Professional work shoes contain protective elements designed to protect the wearer from injury in the event of an accident. It is necessary to check for which work these shoes are suitable.		



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: liquid without odor and characteristic color

Colour: whitish

Odour: odourless

Odour threshold: N.V./N.A.

pH: 7

Melting point: N.V. /N.A.

Boiling point: 100 °C

Flash point estimated: N.V./N.A.

Evaporation rate: N.V./N.A.

Flammability (solid, gas): N.V./N.A.

Lower explosion limit: N.V./N.A.

Upper explosion limit: N.V./N.A.

Vapour pressure: 23.68

Density of vapour: N.V. /N.A.

Relative density: 1

Solubility: N.V. /N.A.

Fat solubility: N.V./N.A.

Water solubility: completely miscible

Partition factor (N-octanol / water): N.V./N.A.

Auto-ignition temperature: N.V./N.A.

Decomposition temperature: N.V./N.A.

Viscosity: N.V./N.A.

Explosion properties: N.V./N.A.

Combustion promoting properties: N.V./N.A.

N.V./N.A.= Not Available/Not Applicable due to the nature of the product.

9.2 Other information.

-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 5 from 8

Print date: 11.03.2020

Stick Point: N.V./N.A.
Scintillation counter: N.V./N.A.
Kinematic viscosity: N.V./N.A.
N.V./N.A.= Not Available/Not Applicable due to the nature of the product.

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present any hazards resulting from reactivity.

10.2 Chemical stability.

Stable under the recommended conditions for handling and storage (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present any possibility of hazardous reactions occurring.

10.4 Conditions to avoid.

Avoid any improper handling.

10.5 Incompatible materials.

To avoid exothermic reactions, keep away from propellants and strongly alkaline or acidic substances.

10.6 Hazardous decomposition products.

No decomposition when used for the intended purposes.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

No test data of the product are available.

Frequent or prolonged contact with the product may lead to lipid depletion in the skin, subsequently to non-allergic contact dermatitis and thus to absorption of the product through the skin.

Splashes of the product in the eyes may cause irritation and repairable damage.

(a) acute toxicity,

No conclusive data for classification.

(b) Corrosive/irritant effect on the skin,

No conclusive data for classification.

(c) Serious eye damage/irritation,

No conclusive data for classification.

(d) Respiratory/skin sensitisation,

No conclusive data for classification.

(e) germ cell mutagenicity,

No conclusive data for classification.

(f) carcinogenicity,

No conclusive data for classification.

(g) reproductive toxicity,

No conclusive data for classification.

(h) single exposure specific target organ toxicity,

No conclusive data for classification.

(i) specific target organ toxicity in case of repeated exposure,

No conclusive data for classification.

-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 6 from 8

Print date: 11.03.2020

j) Aspiration hazard.
No conclusive data for classification.

SECTION 12: ENVIRONMENTAL DISCLOSURES.

12.1 Toxicity.

No information is available on the ecotoxicity of the substances contained.

12.2 Persistence and degradability.

There is no information on the biodegradability of the substances present.

There is no information available on the degradability of the substances present. No information is available on the persistence and degradability of the product.

12.3 Bioaccumulative potential.

No information is available on the bioaccumulation of the substances contained in the product.

12.4 Mobility in soil.

No information is available on mobility in soil.

Do not allow the substance to enter drains or waterways.

Penetration into the soil must be avoided.

12.5 Results of PBT and vPvB assessment.

No information is available on the PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available on harmful effects on the environment.

SECTION 13: DISPOSAL INSTRUCTIONS.

13.1 Waste treatment process.

Disposal into drains or waterways is not permitted. Waste products and contaminated containers must be disposed of in accordance with the relevant local/national regulations.

For the handling of residual materials, the instructions of Directive 2008/98/EC must be followed.

SECTION 14: TRANSPORT INFORMATION.

Not dangerous for transport. In case of accident or leakage of the product, proceed according to point 6.

14.1 UN number.

Not dangerous for transport.

14.2 UN proper shipping name.

Description:

ADR: Not dangerous for transport.

IMDG: Not dangerous for transport.

ICAO/IATA: Not dangerous for transport.

14.3 Transport hazard classes.

Not dangerous for transport.

14.4 Packing group.

Not dangerous for transport.

14.5 Environmental hazards.

Not dangerous for transport.

14.6 Special precautions for the user.

-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 7 from 8

Print date: 11.03.2020

Not dangerous for transport.

14.7 Carriage in bulk in accordance with Annex II of MARPOL and the IBC Code.

Not dangerous for transport.

SECTION 15: LEGISLATION.

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

The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Volatile organic compound (VOC)

Product subcategory (Directive 2004/42/CE): h - Binding primers, water-based

Stage I* (from 01/01/2007): 50 g/l

Level II* (from 01/01/2010): 30 g/l

(*) g/l ready for use

VOC content (w/w): 0 %.

VOC content: 0 g/l

The provisions of Directive 2004/42/EC on VOC apply to this product. For more information see the label and / or technical data sheet.

Product classification according to Annex I of EU Directive 1218/2009 (SEVESO III): N/A

Information regarding the EU Regulation No. 528/2012 on the provision on the market as well as the use of organic products:
Numbers/Approval status/National approval: N-26354

Product type	Group
disinfectants and algicides not intended for direct human or animal use	Disinfectant

Active substances	Concentration %
didecyltrimethylammonium chloride CAS No.: 7173-51-5 EC No: 230-525-2	0,49

The product is not affected by the procedures established by EU Regulation No. 649/2012 for the export and import of hazardous chemicals.

Water hazard class (WGK): 2 clearly hazardous to water according to AwSV

15.2 Chemical Safety Assessment.

No evaluation of the chemical safety of the product has been performed.

SECTION 16: OTHER INFORMATION.

It is recommended to use the product only for its intended applications.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

PPE: Personal security equipment.

Key references and data sources:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

-Continued on the next page.

SAFETY DATA SHEET

(in accordance with (EU) Regulation 2015/830)

FAKOLITH FK 14

Version: 3

Last change: 11.03.2020



Page 8 from 8

Print date: 11.03.2020

The information provided in this safety data sheet has been prepared in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93, Commission Regulation (EC) No 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information contained in this safety data sheet is based on the current state of knowledge and the relevant national and EU legislation at the time of printing, while the working conditions at the place of use are beyond our knowledge and control. The product must not be used for purposes other than those expressly stated without prior and written instructions on its handling. Consequently, it is the user's sole responsibility to take measures to comply with the legal requirements.

-Continued on the next page.