

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ANTIFECT Plus

No Change Service!

Version 02.01

Revision Date 11.01.2008

Print Date 11.01.2008

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : ANTIFECT Plus
Producer/Supplier : Schülke & Mayr GmbH
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22851 Norderstedt
Germany
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Application : Cleaning agent

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

Xn Harmful
R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.
R68 Possible risk of irreversible effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : (Preparation)
Solution of the following substances with harmless additives.

Components	CAS-No.	EC-No.	Symbol	R-phrase(s)	Concentration
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Glyoxal	107-22-2	203-474-9	Xn, Mut.Cat. 3	R20, R36/38, R43, R68	1 - 5 %
Sodium dodecylbenzenesulpho- nate	68411-30-3	270-115-0	Xn	R22, R38, R41	5 - 15 %
TEA- Dodecylbenzene- sulfonate	27323-41-7		Xi	R38, R41	5 - 15 %
Isodecanpolyethylen- eglycol(11)ether	61827-42-7		Xn	R22, R41	< 5 %
Ethanol	64-17-5	200-578-6	F	R11	< 5 %

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

- General advice : Take off all contaminated clothing immediately.
Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact : Wash off immediately with plenty of water.
Inhalation : Move to fresh air.
Ingestion : Obtain medical attention.

5. FIRE-FIGHTING MEASURES

- Special protective equipment for fire-fighters : No special precautions required.
Suitable extinguishing media : Water, Dry powder, Foam, Carbon dioxide (CO₂)
Extinguishing media which shall not be used for safety reasons : No information available.
Specific risk from the substance or the product itself, its combustion products or evolved gases : No special risks to be expected.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling

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Safe handling advice : Prepare the working solution as given on the label(s) and/or the user instructions.

Advice on protection against fire and explosion : No special protective measures against fire required.

Storage

Requirements for storage areas and containers : Store at room temperature in the original container.

Further information : Keep away from heat. Keep away from direct sunlight. Keep container tightly closed.

Advice on common storage : Keep away from food and drink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Basis
Ethanol	64-17-5	AGW: 960 mg/m ³ AGW: 500 ppm	TRGS 900

Personal protective equipment

Hand protection : Splash protection: disposable nitrile rubber gloves e.g. Dermatril (Layer thickness: 0,11 mm) made by KCL or gloves from other manufacturers offering the same protection.
Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 Min., Layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., Layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.

Eye protection : Tightly fitting safety goggles

Hygiene measures : Keep away from food and drink.

Protective measures : Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : colourless

Odour : pleasant

Other data

solidification range : < -5 °C

initial boiling point : ca. 80 °C

Flash point : 72 °C
Method: ISO 2719

Vapour pressure : ca.30 hPa at 20 °C

Density : ca.1,03 g/cm³ at 20 °C

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Water solubility : at 20 °C
in all proportions

pH : ca.6 - 8 at 5 g/l (20 °C)

flow time : < 15 s at 20 °C
Method: DIN 53211

10. STABILITY AND REACTIVITY

Hazardous reactions : None reasonably foreseeable.

Hazardous decomposition products : None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Further information : No data is available on the product itself. The classification was made according to the calculation procedure of the Preparations Directive.

12. ECOLOGICAL INFORMATION

Chemical Oxygen Demand (COD) : 4500 mg/l
Test substance: 1% solution

Further information : This product has no known eco-toxicological effects.
Avoid subsoil penetration.

13. DISPOSAL CONSIDERATIONS

Product : Dispose of the product according to the defined EWC (European Waste Code) No.

Contaminated packaging : Take empty packaging to the recycling plant.

Waste key for the unused product : **EWC 070601**

Waste key for the unused product(Group) : Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.

14. TRANSPORT INFORMATION

Further information : Not classified as dangerous in the meaning of transport regulations.

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15. REGULATORY INFORMATION

Hazardous components:

- Glyoxal

General advice : The product is classified and labelled in accordance with EC directives or respective national laws.

Symbol :



Xn
Harmful

R-phrase(s) : R41 Risk of serious damage to eyes.
R43 May cause sensitization by skin contact.
R68 Possible risk of irreversible effects.

S-phrase(s) : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of water.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Special labelling of certain preparations : Labelling according to Regulation (EC) No. 648/2004.; 5 - 15 % anionic surfactants, < 5 % non-ionic surfactants, perfumes

National legislation

Legislation on the control of major-accident hazards involving dangerous substances : Directive 96/82/EC does not apply

VOC-Content : 3 %
Directive 1999/13 /EC on the limitation of emissions of volatile organic compounds

VOC-Content : 0,03 kg/kg
(Switzerland only)

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

16. OTHER INFORMATION

Application : Information on uses can be found in a separate preparation / product brochure.

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Text of R-phrases mentioned in Section 2

R11	Highly flammable.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R68	Possible risk of irreversible effects.

Other information

Caution! All information concerns the concentrated product!

The information given is only of use for possible safety requirements and is based on our actual knowledge. This information does not guarantee any properties. It is the responsibility of the receiver / user of our products to follow existing laws and regulations.

|| Changes compared with the previous edition!!!