

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name **EUROCLEAN DESINFEKT**
 Product code 62569301, 62569302
 Type of product Disinfectant cleaner
 Supplier Nilfisk-Advance
 Address Box 44045
 Postal address SE-100 73 Stockholm
 Telephone number +46 8 555 944 00
 Telefax number +46 8 555 944 30
 Contact person Örjan Carlsson
 Date of last issue Revision date 2006-08-30

2. COMPONENTS / INFORMATION ON INGREDIENTS

Type of product

The product is a preparation

Ingredients contributing to the hazard

Chemical Name	Conc %	EU-no	CAS no.	Symbol	R-phrases	TV
Coco dimethyl benzyl ammoniumchloride	7-10	263-080-8	61789-71-7	C N	R21/22 R34 R50	
Tridecyl alcohol ethoxylate 10EO	7-10	500-027-2	9043-30-5	Xn	R22 R41	

C=Corrosive Xn=Harmful N=Toxic to environment
 List of R-Phrases, see section 16.

Other components in the preparation

Ingredient	Conc %	EU-no	CAS no.
Water	80-90	231-791-2	7732-18-5
Phosphonate	0,2-0,5	244-751-4	22042-96-2
C.I. 15985 Paraorange	0,0006	220-491-7	2783-94-0
C.I. 16255 New Coccine	<0,0001	220-036-2	2611-82-7
C.I. 45430 Erythrocin	0,0002	240-474-8	16423-68-0
Methyl salicylate	0,2-0,5	204-317-7	119-36-8

3. HAZARDS IDENTIFICATION

Classification Irritating
 Adverse human health effects Irritating to skin.
 Risk of serious damage to eyes.
 Environmental hazards Presents no particular risk to the environment
 Fire or explosion No particular fire or explosion hazard

4. FIRST-AID MEASURES

General information	Always seek medical advice if any ill effects occur or there are persistent symptoms. Never give anything by mouth to an unconscious person. If possible, show this SDS or the label to the medical personal .
Inhalation	Rinse immediately mouth and nose with clean water. Fresh air and rest. Seek medical advice.
Skin contact	Rinse and wash with plenty of water. Take off all contaminated clothing.
Eye contact	Important! Rinse immediately the eyes with plenty of water for at least 15-30 minutes. Keep the eyes wide open. Seek immediately medical advice. Equipment for immediate rinsing of the eyes shall be avialable at the working place.
Ingestion	Drink one or two glasses of milk or water. Do not induce vomiting. Seek medical advice if more than a small quantity has been ingested or if illness or other symptoms occur.
Notes to a physician	Eye injury must be treated immediately by rinsing with plenty of water for at least 15-30 minutes. Treat symptomatically. Base the treatment on the reactions of the patient

5. FIRE-FIGHTING MEASURES

Extinguishing media	Extinguish with waterspray, carbondioxide, dry chemical or foam. The product is non-flammable.
Protection of firefighters	In case of risk of splashes from the product wear eye/face protection and impermeable protective gloves

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes and skin. Wear suitable protective clothing, gloves and tightly fitting safety goggles. Se also section 8.
Environmental precautions	Prevent large quantities entering drains, groundwater, surface waters or soil.
Methods for cleaning up	Small quantities can be washed away with plenty of water. Large quantities are contained with sand bags or absorbent material and transfered to a container for disposal or recovery in accordance with local regulations.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good occupational hygiene and safty practices. Avoid contact with unprotected skin. Always follow the directions for use of the product.
Storage	Always store in the original container and keep the container closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment	Equipment for immediate rinsing of the eyes shall be available at the working place in case of risk of splashes from the product.
Hand protection	Wear suitable impermeable protective gloves in case of risk of direct skin-contact.
Eye protection	Wear tightly fitting safety goggles if there is a risk for splashing when handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information applies to the product as a whole

Physical state	Clear liquid
Colour	Red
Odour	Perfume
pH (product as is)	8,0
pH in use solution	7,7
Use concentration %	1
Boiling point °C	ca 100
Melting point °C	ca 0
Combustibility	Non-flammable
Explosive properties	Not applicable
Density Kg/m ³	1000
Solubility in water mg/lit	Completely soluble in water at 20 °C
Solubility in org. solvents	Insoluble at 20 °C
Viscosity cP (20°C)	<1

10. STABILITY AND REACTIVITY

Conditions to avoid	—
Hazardous decomp. products	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Inhalation	Inhalation of aerosols from handling of product can cause pain in mouth and throat, coughing and at high concentrations breathing difficulties.
Skin contact	Skin contact can cause pain, redness and irritation
Eye contact	Eye contact may cause severe pain, tears and severe burns. Risk of serious irreversible damage to eyes (blindness).
Ingestion	May cause pain in mouth and throat, illness, nausea and vomiting.

Toxicological information not available for the product, only for the components

Toxicological data

Substance	Coco dimethyl benzyl ammoniumchloride
LD 50 oral, rat mg/kg	200-2000
LD 50 derm., rat mg/kg	400-2000
Substance	Tridecyl alcohol ethoxylate 10EO
LD 50 oral, rat mg/kg	200-2000

12. ECOLOGICAL INFORMATION

Not dangerous to the environment.

Ecotoxicological information not available for the product, only for the components.

All tensides in use are biological degradable according to EU648/2004.

Ecological data for dangerous components

Substance	Coco dimethyl benzyl ammoniumchloride
Degradability %	>60 (Ready biodegradable)
Method for determ of degradability	OECD 301D
LC50 fish (96h) mg/lit	1-10 (Toxic to fish)
Fish species	Goldorf
Daphnia EC50 (48h) mg/lit	<1
IC50 algae (72h) mg/lit	<1
Octanol/Water partition coefficient	<3
Solubility in water mg/lit	>1

Ecological data for components not dangerous to the environment

Substance	Phosphonate
LC50 fish (96h) mg/lit	180 (Not toxic to fish)
Fish species	Oncorhynchus mykiss
Daphnia EC50 (48h) mg/lit	242 (48h)
IC50 algae (72h) mg/lit	1,6 (96h) (Senastrum capricornutum)
Octanol/Water partition coefficient	-3,4

Substance	Tridecyl alcohol ethoxylate 10EO
Degradability %	>70 (Ready biodegradable)
Method for determ of degradability	OECD 301A
LC50 fish (96h) mg/lit	5-10 (Toxic to fish)
Fish species	Leuciscus idus
Daphnia EC50 (48h) mg/lit	>10
IC50 algae (72h) mg/lit	>10
Solubility in water mg/lit	>1

Substance	C.I. 15985 Paraorange
Ecological data not available	

Substance	C.I. 16255 New Coccine
Ecological data not available	

Substance	C.I. 45430 Erythrocin
Ecological data not available	

Substance	Methyl salicylate
Octanol/Water partition coefficient	2,55

13. DISPOSAL CONSIDERATIONS

Waste from residues	Small amounts can be flushed away with plenty of water. Large amount is disposed in accordance with relevant local regulations. Product residues are not harmful to the environment.
Contaminated packaging	Empty and cleaned containers can be recycled or burned in a proper incinerator.

14. TRANSPORT INFORMATION

Classification	The product is not classified as hazardous for transport in accordance with ADR, ADR-S, IMDG, ICAO-TI och IATA-DGR.
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15. REGULATORY INFORMATION

Classified according to the criteria laid down in EU

Health-and enviromental effects

Classification	Irritating
Class	Irritating
Symbol	Xi St. Andrews's Cross Symbol



Irritating

Fire and explosion

Classification	Non-flammable
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R-Phrases	R 38	Irritating to skin.
	R 41	Risk of serious damage to eyes.
S-Phrases	S 2	Keep out of the reach of children.
	S 37/39	Wear suitable gloves and eye/face protection.
	S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S 46	If swallowed, seek medical advice immediately and show this container or label.

Substances with dangerous properties

Coco dimethyl benzyl ammoniumchloride, Tridecyl alcohol ethoxylate 10EO

16. OTHER INFORMATION

List of R-phrases for components in section 2:

R 21/22	Harmful in contact with skin and if swallowed.
R 34	Causes burns.
R 50	Very toxic to aquatic organisms.
R 22	Harmfull if swallowed.
R 41	Risk of serious damage to eyes.

This Safety Data Sheet is set up according to EU regulations

Revised version no 4/9739, revision date 2006-08-30

Replaces version nr 3/9739, issued 2003-08-27

Important changes were made in section: 1