



Safety data sheet (91/155/EWG)

BÜFA Reinigungssysteme

DUFTSTOFF TROPICAL

Version: 002 (EN/EN-211)

Revision date: 12.07.06

1. Identification of the substance/preparation and of the company/undertaking

Product details:  
Trade name: DUFTSTOFF TROPICAL  
Article number: 856 - 0015

Application of the substance / the preparation:

Manufacturer/Supplier:  
BÜFA Reinigungssysteme GmbH & Co. KG  
August-Hanken-Str. 30 Tel.: +49 (0)441 9317-0  
D-26125 Oldenburg Fax : +49 (0)441 9317-100

Further information obtainable from:  
Product safety Tel.: +49 (0)441 9317-108  
Information in case of emergency:  
Toxic hotline Göttingen Emergency No.: +49 (0)551 19240

2. Composition/information on ingredients

Dangerous components:

Description	EINECS-NO.	CAS NO.	%	Index	R-phrases
2-(2-butoxyethoxy)ethanol	203-961-6	112-34-5	10,01 - 25,00	Xi	36
Fettalkoholethoxylat		69011-36-5	50,01 - 100,00	Xi	36 38

For the wording of the listed risk phrases refer to section 16.

3. Hazards identification

Hazard description:  
Irritant  
Information concerning particular hazards for human and environment:  
Irritating to eyes and skin.

4. First-aid measures

After inhalation:  
Supply fresh air; consult doctor in case of complaints.  
After skin contact:  
Immediately remove any clothing soiled by the product.

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#### 4. First-aid measures

- continuation -

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

After swallowing:

Rinse out mouth and then drink plenty of water.

Seek immediate medical advice.

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#### 5. Fire-fighting measures

Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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#### 6. Accidental release measures

Person-related safety precautions:

Particular danger of slipping on leaked/spilled product.

Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

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#### 7. Handling and storage

Handling:

The usual precautionary measures are to be adhered to when handling chemicals.

Storage:

Keep receptacles tightly sealed.

For storage, observe the relevant regulations and technical rules.

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#### 8. Exposure controls/personal protection

Additional information:

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

Designation of material

CAS-No.	Type	Value	Unit
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The lists valid during the making were used as basis.

Personal protective equipment:

Respiratory protection:

Not required.

Protection of hands:

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## 8. Exposure controls/personal protection

- continuation -

Only use chemical-protective gloves with CE-labelling of category III.

Protective gloves: Nitrile

Value for the permeation: Level  $\geq 6$  (>480 minutes)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

Body protection:

Protective work clothing.

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## 9. Physical and chemical properties

Form:		liquid , fluid		
Colour:		yellowish		
Odour:		fruchtartig		
		Value/Range	Unit	Method
Flash point:		> 100,00	°C	
Viscosity:	20 °C	20,00	sec	DIN 53 211
Density:	20 °C	1,000 - 1,040	g/ml	
pH-value:	20 °C	7,00 - 8,50		
Explosion limits:		undetermined.		
Solubility in water:		miscible with water		

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## 10. Stability and reactivity

No decomposition if used and stored according to specifications.

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## 11. Toxicological information

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: s. Kap. 3+15

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## 12. Ecological information

The surfactants contained in the product correspond to the direction on the environmental compatibility of detergents. (648/2004/EG)

Water Hazard Class (Self-classification) in the concentrate:2

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## 13. Disposal considerations

Product:

Recommendation:

Must be specially treated adhering to official regulations.

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled

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13. Disposal considerations

- continuation -  
| after thorough and proper cleaning.

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14. Transport information:

| Land transport ADR/RID  
| Class: -- UN-No.:  
| Packaging group: Label:  
| Description of goods:  
| no dangerous good according to the regulations

| Maritime transport IMDG:  
| Class: -- UN-No.: ----  
| Packaging group: Label:  
| EMS Number:  
| Marine pollutant: no  
| Proper shipping name:  
| no dangerous good according to the regulations

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15. Regulatory information

| Labelling according to EU guidelines:  
| Code letter and hazard designation of product:  
| Xi Irritant

| Hazard-determining components of labelling:

| Risk phrases:  
| 36 38 Irritating to eyes and skin.

| Safety phrases:  
| 26 In case of contact with eyes, rinse immediately with plenty  
| of water and seek medical advice.

| General notes:  
| 648/2004/EG:  
| contains:  
| perfumes  
| >30% :  
| non-ionic surfactants

| National regulations:  
| Waterhazard class: 2  
| VOC: 0 %

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16. Other information:

| Relevant R-phrases:  
| 36 Irritating to eyes.  
| 38 Irritating to skin.

| |: Data compared to the previous version altered.  
| This information is based on our present knowledge. However,  
| this shall not constitute a guarantee for any specific product  
| features and shall not establish a legally valid contractual

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16. Other information:  
- continuation -  
| relationship.