

EG-Material-Safety-Data-Sheet

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Trade Name:	WMF-Spezialreiniger für WMF WIPSTAR Sahnespender WMF Special Cleaner for WMF WIPSTAR Cream Dispensers	Date: March 2001
Product-No.:	UBA 0450-0020	
Manufacturer/Supplier:	IBEDA-CHEMIE	Preparation date: 21.03.01

1 Identification of the Substance, Preparation and Company

1.1 Trade Name:	WMF-Spezialreiniger für WMF WIPSTAR Sahnespender WMF Special Cleaner for WMF WIPSTAR Cream Dispensers
1.2. Supplier Details:	IBEDA -CHEMIE Klaus P. Christ GmbH Am Eichelgärtchen 32 D-56283 Halsenbach Tel.: 06747/228

2 Composition, Information on ingredients

2.1 Chemical characterization:	
mixture of:	organic and anorganic acids Nonylphenol polyethoxilate CAS-No.: 26027-38-3 Diammoniumhydrogenphosphate CAS-No.: 7783-28-0 Butylglycole CAS-No.: 111-76-2 Germicidal: Alkyl dimethyl benzyl amonium chloride CAS-No.: 68391-01-5 Didecyl dimethyl amonium chloride CAS-No.: 7173-51-5

3 Hazards Identification

- Irritating to eyes, and mucous membrans
- watery solution reacts acidically
- contains fish toxic substance
- the product has maybe a negativ effect on biological sewage plants

4 First Aid Measures

After Inhalation:	nothing
After contact with skin:	take off contaminated clothing In case of contact with skin wash off immediately with plenty of water after that clean eventually with 5-10 % soda solution
After contact with eyes:	remove any contact lenses, rinse eyes thoroughly with water, seek immediately medical attention
After ingestion:	drink large quantitiy of water; seek immediately medical attention
Advice to doctor:	after ingestion, flush mouth and mucous membrans freely with water don't give alkohol under any circumstances contains bactericide
further:	symptomatic treatment

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5 Fire-Fighting-Measures

- mixture is none-flammable
- extinguish fire in surrounding area with dry extinguisher, CO₂, foam, sand
- if possible don't extinguish with water, water reacts acidically
- after fire-fighting operations don't let the water into sewerage system, only after watering down
- contains substances which are hazardous to water

6 Measures in case of emergency/in case of unintentional release

- Protection for the skin
- Avoid contact with skin and eyes
- take up with absorbant material (e.g. general-purpose binder or sand)
- small quantity wash off with plenty of water
- high risk of slipping due to leakage/spillage of product
- dirty floors clean with plenty of water
- do the washing-up water after watering down into sewerage system

7 Handling and Storage

- 7.1. Handling:
- if possible use in the factory self-contained machines
 - make sure that there is enough fresh air in the workroom
 - take care that everything is clean
 - handling with concentrated solutions wear eye protection
 - avoid contact with skin and mucous membrans
 - remove directly spilled substance
- 7.2. Storage
- take care of ventilating at storage places
 - keep container closed

8 Exposure Controls and personal protection

- 8.1. Technical Protection:
- none
- 8.2. Personal protective equipment
- Breath protection: not required
 - Hand protection: protective gloves
 - Eye protection: protective goggles
 - Hygiene: after working wash hands with plenty of water

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8.3 Ingredients with occupational exposure limits to be monitored

Limits:

CAS.-Nr.:	name of substance:	kind of limit value:	value:	unit:
111-76-2	Butylglycol	MAK:	20	ppm

9 Physical and Chemical Properties

9. 1.	Phenotype: Form: liquid Colour: blue Odour: characteristic
9. 2.	Changes in physical state: Melting point: n.a. Boiling point: > 100 °C
9. 3.	Density (20°C): 1.09 g/cm³
9. 4.	Vapour pressure (20 °C): 20 mbar (water)
9. 5.	Viscosity (°C): n.a.
9. 6.	Solubility in water (°C): mixable
9. 7.	pH-value (at 10 g/l in H ₂ O; 20 °C): approx.3. 2
9. 8.	Flash point: n.a.
9. 9.	Ignition temp.: n.a.
9. 10.	Explosion limits:
9. 11.	Thermal decomposition: > 100 °C Division of components by distillation (water)

10 Stability and Reactivity

10. 1.	Hazardous decomposition or byproducts: - none - Division of the mixture by distillation at temperature > 100 °C
10. 2.	Hazardous reaction - no typical reaction known

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11 Toxicological Information

- acute toxicologie (oral): LD_{50} (rat): > 2000 mg/kg
- irritates the eyes
- irritates skin and mucous membrans

12 Ecological Information

- the product has maybe a negativ effect on biological sewage plants
- has a toxical effect on fish and germ
- contains: Lauryldiethylbenzylammoniumchlorid: - LD₅₀(rat) oral 400 mg/kg
fish toxicologie: - LC₅₀ (Goldorte, 96 h) 1 - 10 mg/cm³
- Didecyldimethylammoniumchlorid: - LD₅₀ (mouse) oral 660 mg/kg
(100 %ige active substance)
- LD₅₀(rat) dermal 1300 mg/kg
(100 %ige active substance)
- fish toxicologie: - LC₅₀ (rainbow trout), 96 h) 2.2 ppm
- toxicologie against water organism: - LC₄₈ (Daphnia magna) 0.1 ppm

13 Entsorgungshinweise

- organic and anorganic acid
 - Nonylphenol polyethoxilate
 - Diammoniumorthophosphate
 - solution agent
 - colouring
 - germicides
- small quantity water down, neutralize and dispose in accordance with the regulations disposal by authorized companies
- contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

14 Transport

- no classification as a hazardous product

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15 Regulatory information

15. Labelling according to EEC-guidelines:

Hazard symbols: none
Hazard description: none
Product contains: n.a.

R-phrases: R21; Harmful in contact with skin
R22; Harmful if swallowed
R34; causes burns
R43; may cause sensitization by skin contact

S-phrases: S2; keep out of reach of children
S7; keep container tightly closed
S24/25; avoid contact with skin and eyes
S26; in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S27; take off immediately all contaminated clothing
S28; after contact with skin, wash immediately with plenty of water and soap
S36/37/39; Wear suitable protective clothing, gloves and eye/face protection
S40; to clean the floor and all objects contaminated by this material use water

16 Other Information

Above informations are given by our nowadays knowledge.

They describe this product in respect to safety purposes, only without ensuring technical properties.
So, the user of our products is obliged to follow all required regulations in own responsibility.