

Trade name	uvex Moist Cleaning Cloths 9963		
Product number	9963.000	Date	04.08.2009
Supplier	UVEX ARBEITSSCHUTZ GMBH	Revised on	04.08.2009
		Version	1.0/EN

1 Identification of the substance/preparation and company

1.1 Identification of the substance/preparation

Lens cleaning cloth

REACH registration no. (not available)

1.2 Use of the substance/preparation

Moist cleaning cloth for eyeglass lenses of all types

1.3 Identification of the company

UVEX ARBEITSSCHUTZ GMBH

Würzburger Str. 181 - 189

D-90766 Fürth

Tel.: 0911/9736-0

For information, contact:

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1.4 EMERGENCY TELEPHONE +49 911 9736 1235

2 Hazards identification

2.1 Human health hazards (see Section 11 for additional information):

Possible formation of flammable vapor-air mixtures during use.
Can cause temporary skin or eye inflammation.

2.2 Environmental hazards

Increase in overall pollution load.

2.3 Material hazards

Materials should be checked for stability before use.

3 Composition / Information on ingredients

3.1 Chemical characterization

Cellulose saturated with alcohols

3.2 Hazardous ingredients (amounts refer to the saturating solution)

CAS- No.	Index no.	EC no.	Name	%	Symbol	R phrases
64-17-5	603-002-00-5	200-578-6	Ethanol	20-30%	F	R 11
67-63-0	603-117-00-0	200-661-7	2-Propanol	1-5%	F, Xi	R 11-36-67

Note: See Section 15 for classification and labeling of a preparation, Section 16 for full text of R phrases

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4 First aid measures

- 4.1 **Inhalation**
Remove from hazard area and provide plenty of fresh air.
If problems occur, seek medical attention.
- 4.2 **Skin contact**
If skin contact occurs, flush immediately with plenty of water.
If problems occur, seek medical attention.
- 4.3 **Eye contact**
Flush open eye with plenty of water immediately.
If problems occur, seek medical attention.
- 4.4 **If swallowed**
Do not induce vomiting. Rinse out mouth and follow by drinking plenty of water.
If problems occur, seek medical attention.
- 4.5 **Physician instructions**
Danger of aspiration with gastric lavage and vomiting.
Treat symptomatically.
- 4.6 **Special equipment required for first aid:**
None.

5 Fire-fighting measures

- 5.1 **Suitable extinguishing media**
Foam, dry chemical, CO₂, water spray/stream
- 5.2 **Unsuitable extinguishing media for safety reasons**
Water jet
- 5.3 **Special exposure to hazards from the substance, its combustion products or resulting gases**
resulting gases:
The following may form in a fire: Organic crack products and carbon oxides
- 5.4 **Special protective equipment:**
Use self-contained breathing apparatus.
Sealed chemical protection suit.
- 5.5 **Other instructions**
None.

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6 Accidental release measures

- 6.1 Personal precautions:
See Section 8.3: Personal protective equipment.
Ensure adequate ventilation.
- 6.2 Environmental precautions and cleanup:
Do not allow large amounts to enter the sewer system. Inform the competent authorities in the event of accidental discharge of large amounts. Absorb remaining substance with substance with suitable liquid-binding materials.
- 6.3 Other instructions:
None.

7 Handling and storage (see Section 15.2 for national regulations)

- 7.1 Handling
- 7.1.1 Instructions for safe use:
Keep containers tightly closed. Also close containers that have been emptied or used in operations after use. Use only in well-ventilated areas.
- 7.1.2 Instructions for fire and explosion prevention:
At high temperatures, fumes can combine with air to form an explosive mixture.
- 7.2 Storage
- 7.2.1 Requirements for storage rooms and containers:
No special measures required.
- 7.2.2 Storage together with other materials:
Store away from: oxidizing agents.
- 7.2.3 Additional information on storage conditions:
No special measures required.
- 7.3 Specific use(s):
Not available

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8 Exposure controls and monitoring/personal protection

8.1 Exposure limit values:

Name of material	Monitoring level
Ethanol	AGW 500 ppm
2-Propanol	AGW 200 ppm; BAT Aceton, 50 mg/l, B, b, U, b

8.2 Exposure controls and monitoring

8.2.1 Occupational exposure controls and monitoring:

Avoid contact with eyes and skin. Immediately remove soiled, saturated clothing.
Do not inhale any dust, gases, fumes or combustion gases.
Do not eat, drink, or smoke in the workplace.

8.2.1a Respiratory protection:

Use respirator if ventilation is inadequate.

8.2.1b Hand protection:

Protective rubber gloves are recommended for prolonged contact.

8.2.1.c Eye protection:

Safety glasses

8.2.1.d Body protection:

Light protective clothing.

8.2.1.e Other:

Observe wear time limits.

8.2.2 Environmental exposure controls and monitoring:

not available

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9 Physical and chemical properties

9.1	General information	
9.1.1	Form:	Fluid on substrate material
9.1.2	Color:	White
9.1.3	Odor:	Alcoholic
9.2	Important health, environmental and safety information (all information refers to the saturating solution used)	
9.2.1	pH value, undiluted:	Not applicable, pH value 1% in water: n.a.
9.2.2	Boiling point/boiling range (°C):	> 100, melting point/melting range (°C): n.a.
9.2.3	Flash point (°C):	~30 (self-extinguishing)
9.2.4	Flammability (EC A10/A13):	Not available
9.2.5	Ignition temperature (°C):	Not available
9.2.6	Autoignition (EC A16):	Not available
9.2.7	Oxidizing properties:	None.
9.2.8	Risk of explosion:	None.
9.2.9	Minimum limit of explosion (% vol.):	Not available, maximum: not available
9.2.10	Vapor pressure:	Not available
9.2.11	Density (g/ml):	0.93
9.2.12	Solubility (in water):	Miscible (saturating solution)
9.2.13	Partition coefficient, n-octanol/water:	Not available
9.2.14	Viscosity:	Not available
9.2.15	Solvent separation test:	Not applicable
9.2.16	Solvent content (% wt.):	< 30%
9.3	Other information	
9.3.1	Thermal decomposition	Not available
9.3.2	Vapor density (air = 1)	Vapors are heavier than air.
9.3.3	Evaporation rate:	Not available
9.3.4	VOC value:	325,5 g/l

10 Stability and reactivity

10.1	Conditions to avoid: No special measures required.
10.2	Materials to avoid: Reactions with strong oxidizing agents.
10.3	Hazardous decomposition products: No hazardous decomposition products with appropriate use.
10.4	Other information: None.

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11 Toxicological information

11.1 Toxicological information

11.1.1 Acute toxicity:

Inhalation, LC ₅₀ (rat), (mg/l/4h):	Not available
Ingestion, LD ₅₀ (rat), (mg/kg):	Not available
Skin contact; LD ₅₀ (rat), (mg/kg):	Not available
Irritant/corrosive effect (on skin/eyes):	Can cause skin and eye irritation.
Sensitization:	Not available

11.1.2 Subacute/chronic toxicity:

Carcinogenicity:	Not available
Mutagenicity:	Not available
Teratogenicity:	Not available
Narcotic effect:	Not available

11.2 Practical experience

11.2.1 Observations relevant to classification:	Not available
11.2.2 Further observations:	Not available

11.3 General remarks:

The preparation was classified according to the calculation method.

12 Ecological information

12.1 Ecotoxicity:

Not available

12.2 Mobility:

The colorant has low solubility in water; it can be eliminated from water mechanically in suitable sanitation facilities. (Substrate.)
The product is highly volatile and be largely eliminated from water by stripping. (Saturating solution)

12.3 Persistence and degradability:

Information about biological degradation processes is available.

12.4 Bioaccumulative potential

Not available

12.5 Results of PBT properties assessment

Not available

12.6 Other ecological information:

12.6.1 CSB value, mg/g:	Not available
12.6.2 BSB ₅ value, mg/g:	Not available
12.6.3 AOX indications:	Not available
12.6.4 Ecologically significant ingredients:	None.
12.6.5 Other adverse effects:	None.

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13 Disposal considerations (see Section 15: National regulations)

- 13.1 For product waste:
 13.1.1 Recommendation: D 10/R2 Disposal code no.: 08 01 12
 Also observe local official regulations.
 13.1.2 Safe use: See Sections 7 and 15.

14 Transport information

- 14.1 Land transport: ADR and RID/GGVSE class
 Comment: Not a hazardous material according to GGVSE/ADR
 Name:
 Class: UN no.: Hazard label:
 Classification code: Packing group: Risk code:
 Transp. category: Limited quantity:
- 14.2 Inland waterways transport: ADNR/GGVBinSch class
 Comment: No classification made.
 Class: Code/Letter: Category:
- 14.2.1 Identification of material:
 14.2.2 Comment:
- 14.3 Maritime transport: IMDG/GGVSee class
 Comment: Not a hazardous material according to GGVSee/IMDG
 Class: UN no. Packing group:
- 14.3.1 EmS no.:
 14.3.2 Marine pollutant:
 14.3.3 Instructions for Declaration of Responsibility and labeling:
 Correct technical name:
 Hazard identification:
- 14.3.4 Comment:
- 14.4 Air transport: IATA-DGR/ICAO-TI class
 Comment: Not a hazardous material according to IATA-DGR
 Class: UN no.: Packing group:
- 14.4.1 Instructions for Declaration of Responsibility and labeling:
 Proper shipping name:
 Hazard identification:
 Packing instructions: Passenger: Cargo:
- 14.4.2 Comments:

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15 Regulatory information

- 15.1 Labeling according to GefStoffV/EC guidelines:
 Labeling required acc. to GefStoffV: No. Any applicable exceptions?:
 Hazard identification no(s): Hazard symbol(s):
 Ingredient(s):
 R phrases:
 S phrases:
 S 2: Keep out of reach of children.
 S 45: In case of accident or illness, seek medical advice immediately (show this label if possible.)
 Special labeling:
 Although this product does not require labeling, we recommend that you follow the safety advice.
 Detergent Regulation: < 5% anionic tensides; fragrances.
- 15.1.1 The above labeling applies to delivery to a private end consumer.
- 15.2 National regulations
- 15.2.1 Observe job activity limitation acc. to MuSchG/JArbSchG: No.
- 15.2.2 Observe storage requirements acc. to § 8 (6) GefStoffV: No.
- 15.2.3 Observe Statutory Order on Hazardous Incidents No.
- 15.2.4 Technical guidance air:
- | Class | Number | Share in % |
|-------|--------|------------|
| III | 5.2.5 | < 25% |
- 15.2.5 Water hazard class: 1 (VwVwS class)
- 15.2.6 Storage class: 10 (active substance) (VCI concept)
- 15.2.7 Observe TRGS 514: No.
- 15.2.8 Observe TRGS 515: No.
- 15.2.9 Observe TRG 300: No.
- 15.2.10 Observe WRMG: No.
- 15.2.11 Harmful per § 2 para. 3 of Packaging Ordinance: No.
- 15.2.12 Other regulations to be observed: None.

16 Other information

R phrases for Section 3
 R 11: Highly flammable.
 R 36: Irritating to eyes.
 R 67: Vapors may cause drowsiness and dizziness.

Additional information

Contact: Dr. Hirschmann (Chemistry Dept.)

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