SAFETY DATA SHEET

KLM503 PREMIX BILDSCHIRMREINIGER

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued	20.09.2016
Revision date	20.08.2018

1.1. Product identifier

Product name	KLM503 PREMIX BILDSCHIRMREINIGER
Article no.	L03000000210

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product group	Screen Cleaner
Relevant identified uses	SU21 Consumer uses: Private households (= general public = consumers)SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)PC8 Biocidal Products (e.g. Disinfectants, pest control)PC35 Washing and cleaning products (including solvent based products)PROC10 Roller application or brushingERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Importer

Company name	Kleinmann GmbH
Postal address	Am Trieb 13
Postcode	D-72820
City	Sonnenbuehl
Country	Germany
Telephone number	+49(0)7128/9292-15
Fax	+49(0)7128/9292-415
Email	chemie@kleinmann.net
Website	http://www.kleinmann.net

Enterprise No.	DE 146 487

1.4. Emergency telephone number

Emergency telephone	Description: 8-12, Mo.-Fr. +49(0)7128/9292-15

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/ 2008 [CLP / GHS]	Skin Sens. 1; H317
Substance / mixture hazardous properties	For further information, please refer to section 11.

2.2. Label elements

Hazard pictograms (CLP)

Composition on the label	1,2-Benzisothiazolin-3-one
Signal word	Warning
Hazard statements	H317 May cause an allergic skin reaction.
Precautionary statements	P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
Other label information (CLP)	No data recorded.

2.3. Other hazards

Health effect	The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
Environmental effects	Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Dipropyleneglycolmonomethylether	CAS No.: 34590-94-8 EC No.: 252-104-2	Note : Sk	30 - 60 %
1,2-Benzisothiazolin-3-one	CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6	Acute tox. 4; H302; Skin Irrit. 2; H315; Eye Dam. 1; H318; Skin Sens. 1; H317; Aquatic Acute 1; H400; M-factor 1;	0 - 1 %

Substance comments	<1% preservative: 1,2-Benzothiazolin-3-on The full text for all hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Contact physician if discomfort continues.
Ingestion	Rinse mouth with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Delayed symptoms and effects	No known long term effects.

4.3. Indication of any immediate medical attention and special treatment needed

Other information	If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Follow the general fire precautions indicated by the workplace.

5.3. Advice for firefighters

Personal protective equipment	Wear necessary protective equipment. For personal protection, see section 8.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Cleaning method	Recover the product and place in a suitable container for reuse. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Other instructions	See section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in closed original container in a dry place.

Conditions for safe storage

Storage temperature	Value: 0 - 35 °C

7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
Dipropyleneglycolmonomethylether	CAS No.: 34590-94-8	TWA (8h) : 308 mg/m3 TWA (8h) : 50 ppm	TWA Year: 2005

DNEL / PNEC

Summary of risk management measures, human	Data lacking.
Summary of risk management measures, environment	Data lacking.

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye / face protection

Suitable eye protection	Eye protection is not required under normal conditions.

Hand protection

Skin- / hand protection, long term contact	Use protective gloves made of: Butyl rubber. Neoprene. Nitrile. (EN 374)
Hand protection, comments	Breakthrough time for nitrile rubber, neoprene and butyl rubber is approx. 3 hours. The recommendation is a qualified estimate based on knowledge of the components. Elastic gloves stretch when used as glove thickness and thus the breakthrough time reduced. The EN 374-3 standard test is performed at 23°C, but the practical temperature of the glove is approx. 35°C. The breakthrough time of the different glove guides, is therefor reduced by a factor 3.

Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation wear respiratory protection. Type A

Thermal hazards

Thermal hazards	No recommendation given.

Other information

Other information	No recommendation given.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Colourless liquid.
Odour	Almost odourless.
pH	Status: In delivery state Value: ~ 10
Boiling point / boiling range	Comments: No data recorded.
Evaporation rate	Comments: No data recorded.
Explosion limit	Comments: No data recorded.
Vapour pressure	Comments: No data recorded.
Specific gravity	Value: ~ 1,0 g/ml
Solubility description	Completely soluble in water.
Partition coefficient: n-octanol/water	Comments: No data recorded.
Spontaneous combustability	Comments: No data recorded.
Decomposition temperature	Comments: No data recorded.
Viscosity	Comments: No data recorded.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Other physical and chemical properties

Comments	No data recorded.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See section 10.4 and section 10.5.

10.4. Conditions to avoid

Conditions to avoid	No recommendation given.

10.5. Incompatible materials

Materials to avoid	None in particular.

10.6. Hazardous decomposition products

Hazardous decomposition products	During fire, toxic gases (CO, CO2) are formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other toxicological data	Toxicological tests on the product has not been performed.

Other information regarding health hazards

Assessment of acute toxicity, classification	No evidence for acute toxicity.
Inhalation	May cause irritation.
Skin contact	Skin irritation is not anticipated when used normally.
Eye contact	May cause temporary eye irritation.
Ingestion	No specific health warnings noted. However, ingestion may cause nausea, stomach pain and vomiting.
Sensitisation	Repeated or prolonged skin contact may cause allergic reactions in susceptible persons.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity, other information	No evidence for carcinogenicity.

Reproductive toxicity	No evidence for reproductive toxicity.
Assessment of specific target organ SE, classification	No evidence for STOT-single exposure.
Assessment of specific target organ toxicity RE, classification	No evidence for STOT-repeated exposure.
Assessment of aspiration hazard, classification	No evidence for aspiration hazard.

Symptoms of exposure

Symptoms of overexposure	No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Not classified as dangerous to the environment.

12.2. Persistence and degradability

Persistence and degradability, comments	All organic components are considered biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Dispose of waste and residues in accordance with local authority requirements.
EWC waste code	EWC waste code: 0706 Classified as hazardous waste: Yes
EWL packing	EWC waste code: 0706 Classified as hazardous waste: Yes
Other information	Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

SECTION 14: Transport information

14.1. UN number

Comments	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

Comments	Not relevant.

14.3. Transport hazard class(es)

Comments	Not relevant.

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user	No data recorded.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

ADN - Other information

Other information	No data recorded.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Legislation and regulations	The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242). EH40/2005, Workplace exposure limits 2005, with amendments. The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE

	COUNCIL of 31 March 2004 on detergents.

15.2. Chemical safety assessment

Chemical safety assessment performed	No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes Serious eye damage. H400 Very toxic to aquatic life.
Classification according to Regulation (EC) No 1272/ 2008 [CLP / GHS]	Skin Sens. 1; H317
Training advice	No particular training or education is required but the user must be familiar with this SDS.
Information added, deleted or revised	Change to Sections: 1, 2, 3, 4, 8, 13, 16
Version	2
Prepared by	MP