



SAFETY DATA SHEET

KLM003 DF1491, DF1620, DF1623, DF1625, DF1626 BOA

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	06.10.2015
Revision date	22.04.2020

1.1. Product identifier

Product name	KLM003 DF1491,DF1620, DF1623, DF1625, DF1626 BOA
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) PC35 Washing and cleaning products (including solvent based products) PROC10 Roller application or brushing ERC11B 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

Producer

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 the substance or mixture

Substance / mixture hazardous properties The product is not classified.
Not regarded as a health or environmental hazard under current legislation.

2.2. Label elements

Hazard statements EUH 210 Safety data sheet available on request.

Other label information (CLP) No data recorded.

2.3. Other hazards

Health effect The product contains organic solvents.

Environmental effects Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Dipropyleneglycolmonomethylether	CAS No.: 34590-94-8 EC No.: 252-104-2	Note : Sk	5 - 15 %	
Substance comments	Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents: <5%: perfume , preservative: Phenoxyethanol			

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 Rinse with water. Get medical attention if any discomfort continues.

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

Acute symptoms and effects No specific symptoms noted.

Delayed symptoms and effects No known long term effects.

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	Exposure limits	TWA Year
Dipropylene glycol monomethylether	CAS No.: 34590-94-8	Limit value (8 h) : 308 mg/ m3 Limit value (8 h) : 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

Under normal conditions of use gloves are not normally required.

Skin protection

Additional skin protection measures

No special precautions.

Respiratory protection

Respiratory protection necessary at

Respiratory protection is not required for normal use.

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.
Colour	Colourless.
Odour	Almost odourless.
Odour limit	Comments: Not relevant.
pH	Status: In delivery state Value: ~ 8,0 Status: In aqueous solution Comments: Not relevant.
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Value: > 100 °C
Evaporation rate	Comments: Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Relative density	Value: ~ 1,0 g/ml
Bulk density	Comments: Not relevant.
Solubility	Comments: Completely soluble in water.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Comments: Not relevant.
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.
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SECTION 10: Stability and reactivity

10.1. Reactivity

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

Substance Dipropyleneglycolmonomethylether

Acute toxicity
Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Dermal
Value:

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 Vapours may cause drowsiness and dizziness.

Skin contact Skin irritation is not anticipated when used normally.

Eye contact May cause temporary eye irritation.

Ingestion Not likely, due to the packaging.

Sensitisation No evidence for respiratory nor skin sensitization.

Assessment of germ cell mutagenicity, classification No evidence for germ cell mutagenicity.

Assessment of carcinogenicity, classification No evidence for carcinogenicity.

Assessment of reproductive toxicity, classification No evidence for reproductive toxicity.

Assessment of specific target organ toxicity - single exposure, classification No evidence for STOT-single exposure.

Assessment of specific target organ toxicity - repeated exposure, 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 description/evaluation

The product is easily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation, comments

The product is not 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

Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical

Dispose of waste and residues in accordance with local authority requirements.

Appropriate methods of disposal for the contaminated packaging

Dispose of waste and residues in accordance with local authority requirements.

EWG waste code

EWG waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
Classified as hazardous waste: No

EWL packing

EWG waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
Classified as hazardous waste: No

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

IMDG Marine pollutant No

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 and the IBC Code

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), with amendments.
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
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SECTION 16: Other information

Training advice	No particular training or education is required but the user must be familiar with this SDS.
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Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with verticle lines in the left margin.
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Version	3
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Prepared by	MP
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