



# SAFETY DATA SHEET

## 5 Star Office Interactive Board Wipes

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 12.01.2015

Revision date 06.10.2015

#### 1.1. Product identifier

Product name **5 Star 940333 Office Interactive Board Wipes**

Article no. L03000000094 / KLM006

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

Product group Whiteboardcleaner

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

Company name Kleinmann GmbH

Postal address Am Trieb 13

Postcode D-72820

City Sonnenbuehl

Country Germany

Tel +49(0)7128/9292-15

Fax +49(0)7128/9292-415

E-mail [chemie@kleinmann.net](mailto:chemie@kleinmann.net)

Website <http://www.kleinmann.net>

Enterprise no. DE 146 487

#### 1.4. Emergency telephone number

Emergency telephone Tel: 844 892 0111

Description: National Poisons Information Service

### SECTION 2: Hazards identification

#### 2.1. Classification of 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.

## 2.3. Other hazards

Health effect      The product contains organic solvents.  
 Environmental effects      This product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Propan-2-ol	CAS no.: 67-63-0	Flam. Liq. 2;H225	1 - 5 %
	EC no.: 200-661-7	Eye Irrit. 2;H319	
	Index no.: 603-117-00-0	STOT SE 3;H336	
2-Butoxyethanol	CAS no.: 111-76-2	Acute Tox. 4;H332	1 - 5 %
	EC no.: 203-905-0	Acute Tox. 4;H312	
	Index no.: 603-014-00-0	Acute Tox. 4;H302	
		Eye Irrit. 2;H319	
	Skin Irrit. 2;H315		
Substance comments	<1% Perfume 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      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

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.

Other Information    Lagerklasse: 12

### Conditions for safe storage

Storage Temperature    Value: 35 °C

Storage Stabilit    Durability: 24 months.

### 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
Propan-2-ol	CAS no.: 67-63-0	TWA (8h): 400 ppm	TWA Year: 2011
		TWA (8h): 999 mg/m <sup>3</sup>	
		<b>OEL Short Term Value</b>	
		Value: 500 ppm	
		<b>OEL Short Term Value</b>	
2-Butoxyethanol	CAS no.: 111-76-2	TWA (8h): 25 ppm	TWA Year: 2011
		TWA (8h): 123 mg/m <sup>3</sup>	
		<b>OEL Short Term Value</b>	
		Value: 50 ppm	
		<b>OEL Short Term Value</b>	
		Value: 246 mg/m <sup>3</sup>	
		<b>Exposure Limit Letter</b>	
Letter code: Sk			

**DNEL / PNEC**

Summary of risk management measures, human Data lacking.

Summary of risk management measures, environment Data lacking.

**8.2. Exposure controls**

Limitation of exposure on workplace No special precautions.

**Eye / face protection**

Eye protection Eye protection is not required under normal conditions.

**Hand protection**

Hand protection Hand protection is not required for normal use.

**Respiratory protection**

Respiratory protection Respiratory protection not required.

**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	Fluid.
Colour	Colourless.
Odour	Perfume.
pH	Status: In delivery state Value: ~ 7,0  Status: In aqueous solution Comments: Not relevant.
Melting point/melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Value: 49 °C Comments: Negative results are obtained in sustained combustibility test L.2., Part III, section 32 of the UN RTDG, Manual of Tests and Criteria, and classification as Flammable liquid and vapour in Category 3, is not needed.
Evaporation rate	Comments: Not relevant.
Flammability (solid, gas)	Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: Not relevant.
Specific gravity	Value: 0,98 – 0,99 g/ml
Solubility description	Completely soluble in water.

Partition coefficient: n-octanol/water	Comments: Not relevant.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Value: < 50 mPa s
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.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See section 10.4 and section 10.5.
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### 10.4. Conditions to avoid

Conditions to avoid	No recommendation given.
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### 10.5. Incompatible materials

Materials to avoid	None specific.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	During fire, toxic gases (CO, CO <sub>2</sub> ) are formed.
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### Other information

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	No data available for ingredient(s).
Acute toxicity	<b>Type of toxicity:</b> Acute <b>Effect Tested:</b> LD50 <b>Route of exposure:</b> Oral <b>Duration:</b> - <b>Value:</b> - <b>Animal test species:</b> - <b>Comments:</b> -
Other toxicological data	Toxicological tests on the product has not been performed.

## Other information regarding health hazards

General	No information about adverse effects due to exposure.
Inhalation	Solvent vapours are hazardous and may cause nausea, sickness and headaches.
Skin contact	No known chronic or acute health risks.
Eye contact	Prolonged contact may cause redness and/or tearing.
Ingestion	Not likely, due to the packaging.

## Symptoms of Exposure

Symptoms of overexposure	No specific symptoms noted.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic, comments	No data available for the product.
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### 12.2. Persistence and degradability

Persistence and degradability	The product is easily biodegradable.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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### 12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results	Not Classified as PBT/vPvB by current EU criteria.
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### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Do not empty into drains; dispose of this material and its container in a safe way. Dispose of waste and residues in accordance with local authority requirements.
Product classified as hazardous waste	No
Packaging classified as hazardous waste	No
EWC waste code	EWC: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
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).
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**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.  
 H336 May cause drowsiness or dizziness.  
 H315 Causes skin irritation.  
 H332 Harmful if inhaled.  
 H312 Harmful in contact with skin.

Training advice	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
Information which has been added, deleted or revised	No particular training or education is required but the user must be familiar with this SDS. Change to Sections: 1, 16,
Name	ANI