SAFETY DATA SHEET
AS0630 AS0632 Whiteboard Cleaning

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	07.04.2015
Revision date	14.10.2016

1.1. Product identifier

Product name	AS0630 AS0632 Whiteboard Cleaning
Article no.	L03099000003

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
Website	http://www.kleinmann.net
Enterprise no.	DE 146 487

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Substance / mixture hazardous properties	The product is not classified.

2.2. Label elements

DSD/DPD labelling, comments	No data recorded.
Hazard statements	EUH 208 Contains Orangenterpene. May produce an allergic reaction.
Precautionary statements	P102 Keep out of reach of children. P101 If medical advice is needed, have product container or label at hand.

	P103 Read label before use. P280 Wear protective gloves.
Other Label Information (CLP)	No data recorded.

2.3. Other hazards

Health effect	May cause an allergic skin reaction.
Environmental effects	Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance comments	Ingredients: Alcohol Denat. , Benzenesulfonic acid, Pentasodium triphospphate, Orange Terpene, Sodium metasilikat, pentahydrat, Acid Yellow preservative: benzisothiazolinone 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. If skin irritation or rash occurs: Get medical advice/ attention.
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	This product is not flammable. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Personal protective equipment	Wear necessary protective equipment. For personal protection, see section 8.
Fire fighting procedures	Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Avoid breathing fire vapours.

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	Dam and absorb spillage with sand, sawdust or other absorbent. 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
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

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

Safety signs



Respiratory protection

Respiratory protection	Respiratory protection not required.

Hand protection

Hand protection	For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Nitrile. Butyl rubber. Neoprene. (EN 374)

Eye / face protection

Eye protection	Eye protection is not required under normal conditions.

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	Yellow.
Odour	Citrus.
pH (as supplied)	**Value:** ~ 9,0
Comments, pH (aqueous solution)	Not relevant.

Comments, Boiling point / boiling range	Not relevant.
Comments, Evaporation rate	Not relevant.
Comments, Explosion limit	Not relevant.
Comments, Vapour pressure	Not relevant.
Specific gravity	**Value:** ~ 1,0 g/ml
Solubility description	Completely soluble in water.
Comments, Partition coefficient: n-octanol / water	Not relevant.
Comments, Spontaneous combustability	Not relevant.
Comments, Decomposition temperature	Not relevant.
Comments, Viscosity	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.

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 specific.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

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.

Acute toxicity, Mixture estimate

Assessment of acute toxicity classification	No evidence for acute toxicity.

Potential acute effects

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	Consumption of larger quantities can result in nausea, vomiting and stomach

	pains.
Aspiration hazard	No evidence for aspiration hazard.

Delayed effects / repeated exposure

Skin contact	May cause an allergic skin reaction.

Symptoms of Exposure

Symptoms of overexposure	No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic, comments	No data available for the product.

12.2. Persistence and degradability

Persistence and degradability	The product is easily 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.
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).

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

Other Label Information	As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
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

Training advice	No particular training or education is required but the user must be familiar with this SDS.
Information which has been added, deleted or revised	Change to Sections: 1, 2, 3, 5, 8, 9, 11, 15, 16
Version	3
Responsible for safety data sheet	Kleinmann GmbH
Prepared by	ALM