

Date of issue: 15.09.2016 Replaces Data Sheet of: ---
 "" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

- 1.1 **Product identifier**
Trade Name: Visor cleaning set
Article No.: n.av.
Preparation No.: 47052
Registration No.: n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: cleaning agent
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 autas Vertrieb oHG, Dauernheimer Str. 8, D- 63691 Ranstadt
 Telephone: +49-6041 968953, Telefax: +49-6041 969033, E-Mail: info@autas-vertrieb.de
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone: +49-6041 968953 (8:00 – 17:00) Telephone: +44 870 600 6266

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
Classification and labelling according to Directive 1272/2008/EC:
 Flam. Liq. 3; H226
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: Yes. Classification is based on 100% liquid
 Applicable Exemptions: Yes.
 Signal word(s): Warning
 Component(s): Hazard pictogram(s):
- H - Phrases:**
 H226: Flammable liquid and vapour.
- P - Phrases:**
 P102: Keep out of reach of children.
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- Additional Markings: None.
- The above mentioned labelling is valid for distribution to private consumer.
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.



SECTION 3: Composition/information on ingredients

- 3.1 **Substances**
 n.ap.
- 3.2 **Mixtures**
Chemical Characterisation:
 Liquid absorbed by inert carrier material

Dangerous Ingredients:

Material	Index - No.	EC - No.	REACH - No.	m% - range
CAS - No. Hazard Code(s) / H - phrases				
Ethanol 64-17-5 Flam. Liq. 2; H225	603-002-00-5	200-578-6	01-2119457610-43-xxxx	25 - 35%
Propan-2-ol 67-63-0 Flam. Liq. 2; H225 / Eye Irrit. 2; H319 / STOT SE 3; H336	603-117-00-0	200-661-7	01-2119457558-25-xxxx	1 - 5%

Text of H - phrases: see section 16
 m% - range: x – y ≙ x ≥ – < y

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SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**
Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
If symptoms persist, call a physician.
- 4.1.2 **Skin Contact:**
Wash off with soap and water. If symptoms persist, call a physician.
- 4.1.3 **Eye Contact:**
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
- 4.1.4 **Ingestion:**
Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water.
If symptoms persist, call a physician.
- 4.2 **Most important symptoms and effects, both acute and delayed**
None.
- 4.3 **Indication of any immediate medical attention and special treatment needed**
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**
Use dry chemical, CO₂, water spray or "alcohol" foam..
- 5.1.2 **Extinguishing Media to Avoid:**
high volume water jet.
- 5.2 **Special hazards arising from the substance or mixture**
In the event of fire the following can be released: Carbon oxides.
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**
None.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Ensure adequate ventilation.
- 6.2 **Environmental precautions**
Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
Avoid contact with skin and eyes. Take off all contaminated clothing immediately.
Do not breathe vapours/dust. When using, do not eat, drink or smoke.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
In use, may form flammable/explosive vapour-air mixture.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
No special precautions required.
- 7.2.2 **Store away from:**
Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
No special precautions required.
- 7.3 **Specific end use(s)**
n.av.

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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Material**Ethanol
Propan-2-ol**Limit Value**500 ppm | 960 mg/m³
200 ppm | 500 mg/m³ /**8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Keep container tightly closed. Use only in well-ventilated areas.

8.2.2 Individual protection measures**8.2.2a Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.**8.2.2b Hand Protection:** impervious butyl rubber gloves

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c Eye Protection: safety glasses**8.2.2d Skin Protection:** protective suit**8.2.2e Further Information:** Observe wearing time limits:**8.2.3 Environmental exposure controls:**

n.av.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****9.1.1 Form:** Liquid absorbed by inert carrier material **Colour:** white **Odour:** alcoholic**Odour threshold:** n.av.**9.1.2 pH-value, undiluted:**

n.ap.

pH-value, 1% aqueous solution:

n.ap.

9.1.3 Boiling point / Boiling - range (°C):

> 78 (solution), Melting point / Melting range (°C): n.ap.

9.1.4 Flash point (°C):

25, solution, closed cup

9.1.5 Flammability (EEC A10/A13):

n.av.

9.1.6 Ignition temperature (°C):

n.av.

9.1.7 Autoflammability (EEC A16):

n.av.

9.1.8 Oxidising properties:

None.

9.1.9 Explosion hazard:

None.

9.1.10 Explosion limits (Vol.%) lower:

2 (solution) , upper: 15 (solution)

9.1.11 Vapour pressure:

n.av.

Vapour density (Air = 1):

Vapours are heavier than air and may spread along floors.

9.1.12 Density (g/ml):

0,948 (solution)

9.1.13 Solubility (in Water):

miscible(solution)

9.1.14 Partition coefficient, n-Octanol / Water:

n.av.

9.1.15 Viscosity:

n.av.

9.1.16 Solvent content (m %):

30 – 40%

9.1.17 Thermal decomposition (°C):

n.av.

9.1.18 Evaporation rate:

n.av.

9.2 Other information

n.av.

SECTION 10: Stability and reactivity**10.1 Reactivity**

None.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

No special precautions required.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if used as directed.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: n.av.

Serious eye damage / irritation: n.av.

Respiratory or skin sensitisation: n.av.

Germ cell mutagenicity: n.av.

Carcinogenicity: n.av.

Reproductive toxicity: n.av.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

11.1.1 – Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

n.av.

Further Observations:

n.av.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

n.av.

12.2 Persistence and degradability

The product is slightly soluble in water. It can be eliminated from water by abiotic processes.

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: n.av.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 2

Waste - Code - No.: 07 06 99

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.

Offer rinsed packaging material to local recycling facilities.

13.2.2 Safe Handling:

As described under Residues.

Handle in accordance with good industrial hygiene and safety practice.

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SECTION 14: Transport information

	ADR Not classified as dangerous in the meaning of transport regulations. (S216)	IMDG Not classified as dangerous in the meaning of transport regulations. (S216)	IATA Not classified as dangerous in the meaning of transport regulations. (A46)
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
		n.av.	

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
A chemical safety assessment has not been carried out.

SECTION 16: Other information**Text of H phases mentioned in Section 3**

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by: CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de, +49-6421-886563

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