

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****· 1.1 Product identifier**

· **Trade name:** Lenses glasses cleaning wipes GISS – reference 879897

· **Registration number:** Data not available

**· 1.2 Relevant identified uses of the substance or mixture and uses advised against on**

· **Application of the substance/ mixture:** Cleaning.

**· 1.3 Details of the supplier of the safety data sheet****· Supplier:**

Rubix Engineering

31 rue de la Baume, 75008 Paris France

Tel: +33 (0)1.44.86.08.10

Email: [info-rubix-engineering@rubix.com](mailto:info-rubix-engineering@rubix.com)

· **Only Representative/other EU contact point:** Information not available.

**Further information obtainable from:** Rubix Engineering

**· 1.4 Emergency telephone number**

**General in EU**

Tel: 112 (Available 24 hours a day)

**SECTION 2: Hazards identification****· 2.1 Classification of the substance or mixture**

**Classification according to regulation (EC) 1272/2008:** The product is not classified according to CLP Regulation.

**· Classification system:**

The classification is according to the latest edition of Regulation 1272/2008, and extended by company and literature data.

**· 2.2 Label elements**

· **Labeling according to Regulation (EC) No 1272/2008:** The product is labeled according to Regulation (EC) No 1272/2008.

· **Hazard pictograms:** Not applicable

· **Signal word:** Not applicable

· **Hazard statements:** Not applicable

· **Precautionary statement:** Not applicable

**· SUPPLEMENTAL HAZARD INFORMATION:**

EUH208 — 'Contains PHMG. May produce an allergic reaction'.

**· 2.3 Other hazards**

· **Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

**SECTION 3: Composition/information on ingredients**

**· 3.1 Chemical characterization:** Mixture**· Description:**

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

<b>· Component:</b>		
CAS No.: 7732-18-5 EC No.: 231-791-2	Water	99.645%
CAS No.: 9004-82-4 EC No.: 618-398-5	Alkyl ether sulfate ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	0.25%
CAS No.: 57028-96-3 EC No.: 690-927-2	PHMG ⚠ Eye Dam.1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1%
CAS No.: 55406-53-6 EC No.: 259-67-5 Index No.: 616-212-00-7	IPBC ⚠ Acute Tox. 4, H331; ⚠ Eye Dam.1, H318; ⚠ STOT RE 1, H372; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.005%

**SECTION 4: First aid measures****· 4.1 Description of first aid measures**

**General advice:** No special immediate medical required.

**After inhalation:** *Supple with fresh air. Consult doctor if you feel unwell.*

**After skin contact:** *Wash with water. If there are signs of irritation or other symptoms seek medical attention.*

**After eye contact:** *Rinse eyes with water. Consult doctor if you feel unwell.*

**After swallowing:** *Wash mouth. Get medical attention if you feel unwell.*

**· 4.2 Most important symptoms and effects, both acute and delayed:** *May produce an allergic reaction.*

**· 4.3 Indication of any immediate medical attention and special treatment needed:** *Treatment according to symptoms, no known specific medicine.*

**SECTION 5: Fire-fighting measures****· 5.1 Extinguishing media**

**· Suitable extinguishing agents:** *Not flammable liquid, use the suitable extinguishing agent surrounding condition.*

**· 5.2 Special hazards arising from the substance or mixture:** *May produce irritant vapor.*

**· 5.3 Advice for firefighters**

**Protective equipment:** *Wear self-contained breathing apparatus for firefighting if necessary.*

**SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures:**

*Cut off leakage source and collect spillage timely; Ensure adequate ventilation; Prevent contact with eyes and skin.*

**· 6.2 Environmental precautions:**

*Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.*

**· 6.3 Methods and material for containment and cleaning up:**

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Ensure good ventilation; Dispose*

contaminated material as waste according to item 13.

• **6.4 Reference to other sections:**

See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:** Avoid contact with skin and eyes.
- **Information about fire and explosion protection:** Normal measures for preventive fire protection.
- **7.2 Conditions for safe storage, including any non-compatibility**
- **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilated place.
- **Information about storage in one common storage facility:** Keep out of reach of children.
- **Further information about storage conditions:** Store locked up.
- **7.3 Specific end use(s):** Cleaning.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
55406-53-6 IPBC		
Germany (AGS)	0.058 mg/m <sup>3</sup>	0.116 mg/m <sup>3</sup>
Germany (DFG)	0.058 mg/m <sup>3</sup>	0.116 mg/m <sup>3</sup>
Switzerland	0.12 mg/m <sup>3</sup>	0.24 mg/m <sup>3</sup>

• **DNELs:**

DNEL type	DNEL worker value	DNEL consumer value	
55406-53-6 IPBC			
Systemic effects	Long-term, inhalation exposure	23 ug/m <sup>3</sup>	-
	Acute/short-term, inhalation exposure	70 ug/m <sup>3</sup>	-
	Long-term, dermal exposure	2 mg/kg bw/day	-
Local effects	Long-term, inhalation exposure	1.16 mg/m <sup>3</sup>	-
	Acute/short-term, inhalation exposure	1.16 mg/m <sup>3</sup>	-

• **PNECs:**

PNEC type	Value
55406-53-6 IPBC	
Freshwater	500 ng/L
Intermittent releases (freshwater)	530 ng/L
Marine water	46 ng/L
Intermittent releases (marine water)	530 ng/L
Sediment (freshwater)	17 ug/kg sediment dw
Sediment (marine water)	1.6 ug/kg sediment dw

• **Additional information:** The lists valid during the marking were used as basis.

• **8.2 Exposure controls**

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work;

See section 7 for information about design of technical facilities.

• **Personal protective equipment**

• **Respiration protection:** Dust mask is recommended.

• **Protection of hands:** No special protection of hands required.

• **Eye protection:** No special eye protection required.

• **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

• **Appearance:**

<b>Form</b>	Fabric with liquid
<b>Color</b>	White
<b>Odor</b>	Aroma
<b>Odor threshold</b>	Not determined
• <b>pH-value</b>	6-7 at 20°C
• <b>Change in condition</b>	
<b>Melting point/melting range</b>	Not determined
<b>Boiling point and boiling range</b>	Not determined
• <b>Freezing point</b>	Not determined
• <b>Flash point</b>	>93°C (closed cup)
• <b>Flammability (solid, gas)</b>	Not applicable
• <b>Decomposition temperature</b>	Not determined
• <b>Self-ignition</b>	Product is not self-igniting
• <b>Danger of explosion</b>	Product does not present explosive hazard
• <b>Explosion limits</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
• <b>Oxidizing properties</b>	Not determined
• <b>Vapor pressure</b>	Not determined
• <b>Density</b>	Not determined
• <b>Relative density</b>	Not determined
• <b>Vapor density</b>	Not determined
• <b>Evaporation rate</b>	Not determined
• <b>Solubility in/Miscibility with</b>	
<b>Water</b>	Soluble in water
• <b>Partition coefficient (n-octanol/water)</b>	Not determined
• <b>Viscosity</b>	
<b>Dynamic</b>	Not determined
<b>Kinematic</b>	Not determined
• <b>9.2 Other information</b>	Data not available

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity:** No decomposition if used according to specification.
- **10.2 Chemical stability:** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions:** No further relevant information available.
- **10.4 Conditions to avoid:** High temperature.
- **10.5 Incompatible materials:** Strong acids, strong oxidizers.
- **10.6 Hazardous decomposition products:** No known hazardous decomposition products.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** No animal test has been done for this product.

9004-82-4 Alkyl ether sulfate		
Rat	LD50-oral	1600mg/kg
Remark: The above data is from literature.		

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** Not hazardous to the aquatic environment.

55406-53-6 IPBC	
Short-term toxicity to fish	LC50 (4 days) 67-410 ug/L NOEC (4 days) 49-140 ug/L
Long-term toxicity to fish	NOEC (35 days) 8.4ug/L
Short-term toxicity to aquatic invertebrates	LC50 (48 h) 160 ug/L NOEC (48h) 76 ug/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 49.9 ug/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72h) 22-53 ug/L NOEC(72h) 4.6 ug/L
Toxicity to microorganisms	EC50 (3 h) 44 mg/L

- **12.2 Persistence and degradability:** Readily degradable.

- **12.3 Bio-accumulative potential:** *Low bio-accumulation.*
- **12.4 Mobility in soil:** *Low mobility in soil.*
- **12.5 Results of PBT and vPvB assessment**  
**PBT:** *Not applicable*  
**vPvB:** *Not applicable*
- **12.6 Other adverse effects:** *No further relevant information available.*
- **12.7 Additional ecological information**
- **General notes:** *Water hazard class 1 (German Regulation) (self-assessment): Low hazard to waters.*  
*Do not allow large quantities of the product to reach ground water, water course or sewage system.*

### SECTION 13: Disposal consideration

- **13.1 Waste treatment methods**
- **Recommendation:** *Small quantities can be disposed together with household garbage; Large quantities disposed must be in according to the local regulation.*
- **13.2 Un-cleaned packaging**
- **Recommendation:** *Dispose of contents/container in according to the local regulation.*

### SECTION 14: Transport information

• <b>14.1 UN-Number</b> ADR, RID, ADN, IMDG, IATA	<i>Not regulated as dangerous transport goods, not applicable</i>
• <b>14.2 UN proper shipping name</b> ADR, RID, ADN, IMDG, IATA	<i>Void</i>
• <b>14.3 Transport hazard class (es)</b> ADR, RID, ADN, IMDG, IATA Class Label	<i>Void</i> <i>Void</i>
• <b>14.4 Packing group</b> ADR, RID, ADN, IMDG, IATA	<i>Void</i>
• <b>14.5 Marine pollution</b>	<i>No</i>
• <b>14.6 Special precautions for user</b> • <b>Danger code (Kemler)</b> • <b>EMS number</b>	<i>Void</i> <i>Void</i> <i>Void</i>
• <b>14.7 UN "Model Regulation"</b>	<i>Void</i>

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **MAK (German Maximum Workplace Concentration):**
- **Directive 2012/18/EU**
- **Named dangerous substances-ANNEX I:** *None of the ingredients is listed.*
- **Seveso category:** *Not applicable.*
- **Qualifying quantity (tonnes) for the application of lower-tier requirements:** *Not applicable.*

- **Qualifying quantity (tonnes) for the application of upper-tier requirements:** Not applicable.
- **National regulations.**
- **Water hazard class:** Water hazard class 1 (German Regulation) (self-assessment): Low hazard to waters.
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.
- **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.
- **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

## SECTION 16: Other information

### Relevant phrases:

H302 Harmful if swallowed

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H318 Causes serious eye damage

H331 Toxic if inhaled

H335 May cause respiratory irritation

H372 Causes damage to organs

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

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**The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.**

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### Abbreviations and acronyms:

**ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

**IMDG:** International Maritime Code for Dangerous Goods.

**IATA:** International Air Transport Association.

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**DNEL:** Derived No-Effect Level (REACH)

**PNEC:** Predicted No-Effect Concentration (REACH)

**PBT:** Persistent, Bio accumulative and Toxic

**SVHC:** Substance of Very High Concern

**LD50:** Lethal dose, 50 percent

**LC50:** Lethal concentration, 50 percent

**EC50:** Concentration of maximal effect, 50 percent

*NOEC: No observed effect concentration*

*LOEC: Lowest Observed Effect Concentration*

*Acute Tox. 4: Acute toxicity, hazard category 4*

*Skin Irrit. 2: Skin corrosion/irritation, hazard category 2*

*Skin Sens. 1: Respiratory or skin sensitization, hazard category 1*

*Eye Dame. 1: Eye damage/irritation, hazard category 1*

*Eye Irrit. 2: Eye damage/irritation, hazard category 2*

*STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3*

*STOT SE 2: Specific target organ toxicity after single exposure, hazard category 2*

*Aquatic Acute 1: Hazardous to the aquatic environment-acute toxic, hazard category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment-chronic toxic, hazard category 1*

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*End of safety data sheet*

**The test items were subcontracted to other lab.**

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