

# Material Safety Data Sheet

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: Eyeglass cleaner  
Item No.: ES0101  
Supplier: Baumann Etui GmbH  
Street Address: Winkelstrasse 21, 5734 Reinach AG  
Telephone: +41 62 771 66 62  
E-Mail: info@baumannetui.ch  
Date: 2018/1/30

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Cleaning Various Lens/LCD/Glasses (fluid).

Appearance: Clear, colorless liquid with weak odor. Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components			
CAS: 68140-00-1	Amides, coco,N-(hydroxyethyl)	Xi R36 R52/53 Eye Irrit.2,H319;Aquatic Chronic 3,H412	1.0%
CAS: 56-81-5	EINECS: 200-289-5 Glycerol	Substance with a community workplace exposure limit	0.5%
Non-dangerous components			
CAS: 7732-18-5	EINECS: 231-791-2 Pure Water		97.5%
CAS: 40754-59-4	EINECS: 255-062-3 Disodium 4-[2-[2-(dodecyloxy)ethoxy]ethyl] 2-sulphonatosuccinate		1.0%
Remark: Amides,coco,N-(hydroxyethyl) ( CAS:68140-00-1) Synonym: Coconut oil monoethanolamide Disodium 4-[2-[2-(dodecyloxy)ethoxy]ethyl] 2-sulphonatosuccinate(Cas No.:40754-59-4) Synonym: Disodium Laureth Sulfosuccinate			

### 3. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No.1272/2008, the product is not classified according to the CLP regulation

### 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical assistance.

**Eye contact:** Immediately irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Skin contact:** Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**Notes to physician:** Treat symptomatically.

### 5. FIRE -FIGHTING MEASURES

Specific hazards: Combustible liquid.

Protective equipment:

Wear fully protective suit

Mouth respiratory protective device.

Suitable extinguishing media: CO<sub>2</sub> powder or water spray.Fight larger fires with water spray or alcohol resistant foam.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions: do not allow to enter sewers/surface or ground water

Methods and material for containment and cleaning up: absorb with liquid binding material (sand, diatomite, acid binders, universal binders, Sawdust).

## 7. HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation; keep receptacles tightly sealed; keep away from heat and direct sunlight; Prevent formation of aerosols; avoid contact with eyes.

Storage: Store in a cool, dry location;

Store only in the original receptacle.

Store away from foodstuffs.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace

56-81-5 glycerol

MAK( Germany) Long-term value: 50E mg/ M<sup>3</sup>

WEL( Great Britain) Long-term value: 10 mg/ M<sup>3</sup>

VME(France) Long-term value: 10 mg/ M<sup>3</sup>

**General Protective and hygienic measures:** The usual precautionary measure are to be adhered to when handling chemicals

Respiratory protection: Suitable respiratory protective device recommended.

**Protecton of hands:** Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

**Eye protection:** Tightly sealed goggles

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Clear, transparent liquid, odorless

Solubility: Soluble in water.

Specific Gravity (20 C): 1.03g/ M<sup>3</sup>

Rel Vapour Density (air=1): N Av

Vapour Pressure (20 C): N Av

Flash Point (C): > 70

Flammability Limits (%): N Av

Autoignition Temp (C): N Av

% Volatile by weight: 100

Solubility in water: Soluble

\* For Water.

Melting Point (C) : 0°C

Boiling Point (C) : 100 °C

Decomp. Point (C) : N Av

Sublimation Point : N App

pH : 7.0

Viscosity : N Av

Evaporation Rate : N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

## 10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Reactivity: No decomposition if used according to specification.

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## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

Acute toxicity

LD/LC50 values relevant for classification		
56-81-5 glycerol		
oral	LD50	4090 mg/kg(mouse)
		12600 mg/kg(rat)
		27000 mg/kg(rabbit)

**Ingestion:** No adverse effects expected, however large amounts may cause nausea and vomiting.

**Eye contact:** May be an eye irritant.

**Skin contact:** Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. A component **SAS -60 Sodium C14 -17 Alkyl Sulphonate** can be absorbed through the skin with resultant toxic effects.

**Inhalation:** Inhalation of mists or aerosols may produce respiratory irritation.

**Long Term Effects:** No information available for the product.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

### Uncleaned packaging:

Recommendation: disposal must be made accordingly to official regulations.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods

### Marine Transport

Not classified as Dangerous Goods

### Air Transport

Not classified as Dangerous Goods

## 15. REGULATORY INFORMATION

Based on available information, not classified as hazardous

Poisons Schedule: N/A - Not Applicable

## 16. OTHER INFORMATION

Reason(s) For Issue: First Issue Primary MSDS

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Baumann Etui GmbH cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.