



UNIVERSAL ELECTRICAL SUPPLY LTD.

Safety Data Sheet (SDS)

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 2023-05-01

Revision date: 2023-05-01

Version: 1.0

**Product Name: UES Camera Sensor and Lens Cleaner****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name: UES Camera Lens and Sensor Cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Intended for general public

Main use category: Consumer use, industrial use

Use of the substance/mixture: Clean camera sensor and lens

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Manufacturer/Supplier**

Universal Electrical Supply Ltd.
228 Willowbrook Drive
Whitby, ON. L1R 2Z2
Canada
Telephone: (416) 668-6286 (M-F, 9am-5pm)
Email: account@uesproducts.com

Representative/other EU contact

F&M Technology
Fraunhofer Straße 7,
Halle G2,
04178 Leipzig, Germany
Telephone: 015231808277

1.4. Emergency telephone number

Emergency number: (647)-270-9000

GERMANY

Poison Center Berlin - Institute of Toxicology

Tel: +49 030 192 40

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

The product is not classified according to the CLP regulation:

Information concerning particular hazards for human and environment:

The product has not to be labeled due to the calculation procedure of Regulation (EC) No. 1272/2008.

Classification system:

The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008:** Not applicable**Hazard pictograms:** Not applicable**Signal word:** Not applicable**Hazard-determining components of labelling:** Not applicable**Hazard statements:** Not applicable**Precautionary statements:** Not applicable**2.3. Other hazards****Result of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

3.2. Mixtures

Mixture of substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to section 16.



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Composition:		
CAS: 7732-18-5 EINECS: 231-791-2	water	99.78%
CAS: 9003-01-4	2-Propenoic acid, Homopolymer	0.11%
CAS: 151-21-3 EINECS: 205-788-1	sodium dodecyl sulphate ⚠ Flam. Sol. 2, H228; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335; Aquatic Chronic 3, H412	0.08%
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H331; ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317; STOT SE 3, H335	0.03%

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: Supply fresh air and keep comfortable for breathing. If symptoms persist, consult doctor/physician.
First-aid measures after skin contact: Take off immediately all contaminated clothing. Wash skin with water and soap and rinse thoroughly. If skin irritation continues, consult doctor/physician.
First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If symptoms persist, consult doctor/physician.
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Protection during firefighting: Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Ensure adequate ventilation. Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid contact with skin and eyes. Avoid contact with skin.

6.2. Environmental precautions

Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated materials as waste according to Section 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

Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with skin and eyes.
For the general occupational hygiene measures refer to Section 8.

Information about fire – and explosion protection: Normal measures for preventive fire protection.

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7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Keep out of the reach of children. Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well-sealed receptacles.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

2682-20-4 2-methyl-2H-isothiazol-3-one (0.03%)

MAK (Germany) vgl. Abschn. IIb und Xc

DNELs: Data not available

PNECs: Data not available

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

Based on composition shown in Section 3, the following measures are suggested for occupational safety measure:

Appropriate engineering controls: See Section 7 for information about design of technical facilities.

Personal protective equipment:

Respiratory protection: Suitable respiratory protective device recommended.

Hand protection:



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.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

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

Environmental exposure controls:

Control measures must be made in accordance with Community Environmental Protection Legislation.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Form:	Liquid
Colour:	Colorless and transparent
Odour:	Odourless
Odour threshold:	Data not available
pH-value:	Data not available
Melting point/freezing point:	Data not available
Initial boiling point and boiling range:	Data not available
Flash point:	Data not available
Flammability (solid, gas):	Not applicable
Auto-ignition temperature:	Data not available
Decomposition temperature:	Data not available
Self-igniting:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Data not available
Upper:	Data not available
Oxidising properties:	Data not available
Vapour pressure:	Data not available
Density:	Data not available
Relative density:	Data not available
Vapour density:	Data not available
Evaporation rate:	Data not available
Solubility in / Miscibility with water:	Data not available
Partition coefficient: n-octanol/water:	Data not available
Viscosity:	
Dynamic:	Data not available
Kinematic:	Data not available

9.2. Other information

No further relevant information 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 dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available

10.6. Hazardous decomposition products

No dangerous reactions known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

LD/LC50 values relevant for classification:

9003-01-4 2-Propenoic acid, Homopolymer

Oral	LD50	4,600 mg/kg (mouse) 2,500 mg/kg (rat)
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151-21-3 sodium dodecyl sulphate

Oral	LD50	1,290 mg/kg (rat)
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Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation: 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: No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

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: Generally not hazardous for water

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

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

Uncleaned packaging: Disposal must be made according to official regulations.

SECTION 14: Transport information

In accordance with ADR

14.1. UN number

ADR/RID/AND, IMDG, IATA: Not applicable

14.2. UN proper shipping name

ADR/RID/AND, IMDG, IATA: Not applicable

14.3. Transport hazard class(es)

ADR/RID/AND, IMDG, IATA: Not applicable

14.4. Packing group

ADR/RID/AND, IMDG, IATA: Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available.

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

Product Name: UES Camera Sensor and Lens Cleaner

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Waterhazard class: Generally not hazardous for water.

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (15/1/2019)

None of the ingredients is listed.

REACH Regulation Annex XVII Restriction (17/12/2018)

See Section 16 for information about restriction of use.

None of the ingredients is listed.

REACH Regulation Annex XIV Authorization List (13/6/2017)

None of the ingredients is listed.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Relevant hazard statements

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

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
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Data sources: 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.

Other information: None

Prepared by: Universal Electrical Supply Ltd.