

**Safety Data Sheet**  
**Uvex Clear Plus 16oz Spray – S471**  
**Uvex Clear Gallon Refill – S482**

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**  
 Chemical Name: Mixture  
 Trade name: Alcohol Free Lens Cleaner  
 CAS No.: Mixture

**Relevant identified uses of the substance or mixture and uses advised against**  
 Identified use(s): Optics cleaner solution  
 Uses advised against: None.

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**  
 OSHA HCS (29 CFR 1910.1200): Not classified as dangerous for supply/use.

**Label elements**  
 Hazard Symbol: None  
 Signal Word(s): None  
 Hazard statement(s): None  
 Precautionary statement(s): Avoid getting liquid into eyes.

**Other hazards**: None  
**Additional Information**: None

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous ingredient(s)	%W/W	CAS No.	Hazard statement(s)
Not classified as dangerous for supply/use.	---	---	---

**Additional Information:** Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below:  
 - Contains: 1-methoxypropan-2-ol (CAS No. 107-98-2).

**SECTION 4: FIRST AID MEASURES**



**Description of first aid measures**

Inhalation: Not normally required.

Skin Contact: Not normally required. Gently wash with plenty of soap and water. If symptoms occur obtain medical attention.

Eye Contact: If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If irritation develops and persists, get medical attention.

Ingestion: Not normally required.

Most important symptoms and effects, both acute and delayed: None

Indication of the immediate medical attention and special treatment needed: None

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**SECTION 5: FIRE-FIGHTING MEASURES**

**Extinguishing media**

Suitable Extinguishing Media  
Unsuitable Extinguishing Media

Non-combustible. As appropriate for surrounding fire.  
None anticipated.

**Special hazards arising from the substance or mixture**

None anticipated.

**Advice for fire-fighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Avoid getting liquid into eyes.

**Environmental precautions**

Not normally required.

**Methods and material for containment and cleaning up**

Transfer to a container for disposal or recovery.

**Reference to other sections**  
**Additional Information**

None  
None

**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling**

Avoid getting liquid into eyes.

**Conditions for safe storage, including any incompatibilities**

Storage Temperature  
Incompatible materials

Store at room temperature.  
Substances that react with water

**Specific end use(s)**

Optics cleaner solution

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

SUBSTANCE	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
1-methoxypropan-2-ol	107-98-2	---	50 ppm	---	100 ppm	---

- LTCL: Long Term Exposure Limit; - STEL: Short Term Exposure Limit

**Appropriate engineering controls**

Not normally required.

**Personal protection equipment**

**Eye/face protection**

Not normally required.



**Skin protection (Hand protection/ Other)**

Not normally required.



**Respiratory protection**

Not normally required



**Thermal hazards**

Not normally required.

**Environmental Exposure Controls**

Not normally required.

For more information on the Honeywell Uvex products, please contact your Honeywell Representative or Customer Support at 800.430.5490

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue
Odour	Fruit-like
Odour Threshold (ppm)	Not available
pH (Value)	~ 7
Melting Point (°C) / Freezing Point (°C)	~ 0 (~ 32 °F)
Boiling point/boiling range (°C):	~ 100 (~ 212 °F)
Flash Point (°C)	>200°F / 93.3°C
Evaporation rate	Similar to water
Flammability (solid, gas)	Not applicable
Explosive limit ranges	Not applicable
Vapour Pressure (Pascal)	Similar to water
Vapour Density (Air=1)	Not available
Density (g/ml)	~ 1 (~ 8.34 lb/gal)
Solubility (Water)	Miscible
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	Non-combustible / Non-flammable
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt) @ 40°C	Similar to water
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Other information	Not available

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	None known
Incompatible materials	Substances that react with water
Hazardous Decomposition Product(s)	None known

**SECTION 11: TOXICOLOGICAL INFORMATION**

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects:

1-methoxypropan-2-ol (CAS# 107-99-2)

Acute toxicity	Oral: LD50 = 4000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC50 >7000 ppm (Vapor), 6-hr. rat
Irritation/Corrosivity	Unlikely to cause skin irritation. Unlikely to cause eye irritation.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Not to be expected.
Carcinogenicity	Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity	There is no evidence of mutagenic potential.
Reproductive toxicity	Not to be expected.

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**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity (estimated / calculated)

Acute toxicity

LC50 (96 hour): >100 mg/l (Fish)

EC50 (48 hour): >100 mg/l (Aquatic Invertebrates)

EC50 (72 hour): >100 mg/l (Aquatic Plants)

Long Term Toxicity

Not to be expected.

Persistence and degradability

Part of the components are poorly biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

**SECTION 14: TRANSPORT INFORMATION**

	Land transport (I.L.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)		Not classified as dangerous for transport.	
Packing group			
Environmental hazards			
Special precautions for user			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

**SECTION 15: REGULATORY INFORMATION**

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or exempt.

US RCRA No.: None

US RCRA Hazard Class: None anticipated

SARA 311/312 - Hazard Categories: None

Fire  Sudden Release  Reactivity  Immediate (acute)  Chronic (delayed)

SARA 313 - Toxic Chemicals: None

SARA 302 - Extremely Hazardous Substances: None

**SECTION 16: OTHER INFORMATION**

Additional Information

None

The following sections contain revisions or new statements: 1-16.

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