043-017

Honeywell
UVEX

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	Non-combustible. As appropriate for surrounding fire.
Unsuitable Extinguishing Media	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	None
Additional Information	None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid getting liquid into eyes.
Conditions for safe storage, including any incompatibilities	
Storage Temperature	Store at room temperature.
Incompatible materials	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	-----

- LTEL: 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# 107-98-2)

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 (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name		**Not classified as dangerous for transport.**	
Transport hazard class(es)			
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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