

MATERIAL SAFETY DATA SHEET

PRODUCT: UVEX Lens Cleaning Fluid 9972

Date of Issue: April 2007

1. IDENTIFICATION OF CHEMICAL PRODUCT AND SUPPLIER

PRODUCT IDENTIFICATION:

Product Names:

UVEX Lens Cleaning Fluid 9972

Supplier's Product Code

1009, 1012, 1014, 1015 , 1016 & 9992 000

Recommended Use:

Cleaning optical lenses

Supplier:

UVEX Safety Australia Pty Ltd

Address:

Unit 3, Riverside Centre,
24-28 River Rd West
Parramatta NSW 2150

ABN:

39 003 513 693

Telephone Number:

(02) 9891 1700

Facsimile

(02) 9891 1788

Emergency Telephone:

(02) 9891 1700 or Poisons Information 131126

2. HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS

Not classified as hazardous according to the criteria of NOHSC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Chemical Name, CAS No

Proportion

Risk Phrases

Isopropanol 67-63-0

< 20 %

nil

Surfactant blend

<5 %

nil

Water

to make total of 100%

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS)

4. FIRST AID MEASURES

Poison Information Centres in each state can provide additional assistance for scheduled poisons. Phone 131126 from anywhere in Australia

Ingestion:

Give 2 glasses of water and induce vomiting. Seek medical attention if abdominal pain or persistent vomiting occurs.

Eye Contact:

Immediately flush the contaminated eye(s) with copious quantity of water for at least 15 minutes by the clock, holding the eyelid(s) open. Seek medical attention.

Skin Contact:

Wash affected area with large amounts of water. Seek medical attention if effects persist.

Inhalation:

Remove victim to fresh air. Seek medical advice if effects persist.

Notes to physician:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific hazards:

Non-combustible material

Fire fighting further advice:

Nil

Suitable Extinguishing media:

Water fog (or if unavailable fine water mist or spray), foam, dry agent (carbon dioxide, dry chemical powder)

6. ACCIDENTAL RELEASE MEASURES**Small Spills:** Contain using sand or diatomaceous earth or mop up. Dispose as non-hazardous waste. Wash remaining area with water.**Large Spills:**

Remove chemicals which can react with the spilled material or water. Spills may be slippery.

CLEANUP Contain spill or leak by dyking with inert material, such as sand or earth. Do not allow entry into sewers or waterways. Collect for disposal as non-hazardous waste (see below).

Wash away final traces and flush area with water.

DISPOSAL Federal, state and local regulations should be reviewed prior to disposal. May be possible to dilute and flush the material into a sewer. May be possible to atomise dilute solutions in an approved combustion chamber. May be harmful to aquatic life in high concentrations.**7. HANDLING AND STORAGE****HANDLING** Avoid contact with skin and eyes. Use in well-ventilated areas. When using do not eat drink or smoke.**STORAGE CONDITIONS** Keep containers tightly closed when not in use. Store below 35°C. Protect from damage. Store away from foodstuffs or foodstuff empties.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Standards:** TWA 400ppm STEL 500ppm (isopropanol). NOHSC Australia.**Engineering Controls:** Maintain concentration below recommended exposure limit. As the isopropanol is in dilute aqueous solution, normal room ventilation is considered adequate.**Personal Protection:**

Wear eye protection and rubber gloves when handling the product.

"For incidental use such as cleaning of eyewear no PPE is considered necessary, provided however that due care is taken to avoid eye contact and minimize skin contact."

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Water white, clear solution.
Odour threshold:	Characteristic odour of isopropanol aqueous solution.
Specific Gravity:	0.98
Flash Point:	> 70 °C
pH:	approximately 7
Boiling range	83 to 100 °C
Solubility in water:	infinite

10. STABILITY AND REACTIVITY**INCOMPATIBILITY -MATERIALS TO AVOID:****ACID CHLORIDES and ANHYDRIDES** - may react violently.**ALKALI METALS** - may react violently.**HAZARDOUS DECOMPOSITION PRODUCTS** None**HAZARDOUS POLYMERIZATION** Does not occur**CORROSIVITY TO METALS** As for water**Fire/Explosion Hazard:****EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT** Not applicable**EXPLOSION DATA - SENSITIVITY TO STATIC CHARGE** Not applicable**FIRE EXTINGUISHING AGENTS** Use an extinguisher appropriate to the material which is burning.**FIRE FIGHTING PROCEDURES** Water can be used to extinguish a fire in an area where product is stored.

COMBUSTION PRODUCTS When subject to high temperatures small quantities of flammable isopropanol may be released, itself combusted to CO and or CO₂ and water.

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Ingestion:

May cause local irritation to the gastro-intestinal tract causing vomiting and abdominal pain to occur.

Eye contact:

Contact will cause eye irritation.

Skin contact:

Frequent or prolonged contact can cause de-fatting of the skin leading to drying and cracking.

Inhalation:

Practically non-toxic. May cause irritation to eyes nose and throat.

Long term Effects:

No data. There is no evidence that isopropanol is a carcinogen

Toxicity Data:

Oral LD₅₀ (rat) > 4,000 mg/kg. (isopropanol)

Dermal LD₅₀ (rabbit) >10,000 mg/kg. (isopropanol)

More detailed information about the effects of chemicals on health can be obtained from NOHSC Australia.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Decontaminate empty containers before disposal, by triple rinsing with water. Rinse water will usually meet requirements for disposal to sewer. Check local requirements

14. TRANSPORT INFORMATION

Not classified as dangerous goods for transport.

15. REGULATORY INFORMATION

Not hazardous according to criteria of NOHSC.

16. OTHER INFORMATION

References:

(1) Draft National Code of Practice for the Preparation of MSDS [NOHSC:October 2001], (2) List of Designated Hazardous Substances [NOHSC:10005:1999] (3) ADG Code 6th Edition (4) Standard for the Uniform Scheduling of Drugs & Poisons, 16th edition

Contact Point: Product Manager Tel (02) 9891 1700

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