

MATERIAL SAFETY DATA SHEET

Product name: **ANTI-FOG LENS CLEANER**
Last revised date: 5 December 2013
Print date: 18 December 2013

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Anti-Fog Lens Cleaner
MANUFACTURER: Germiphene Corporation
ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada
PHONE: 519-759-7100
FAX: 519-759-1625

EMERGENCY PHONE: CANUTEC 613-996-6666

PRODUCT USE: Anti-fog and anti-static cleaner for all brands of glass or plastic lenses.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Ethanol
CAS No 64-17-5 % wt < 1%
HAZARDOUS: yes

INGREDIENT: Sodium Dioctyl Sulfosuccinate
CAS No 577-11-7 % wt 1 - 3%
HAZARDOUS: yes

3. HAZARD IDENTIFICATION

EYES: Can cause irritation, avoid any contact with eyes.
SKIN: May cause irritation. Absorbed through skin.
INGESTION: Harmful if swallowed.
INHALATION: May cause irritation to mucous membranes.
CARCINOGENICITY: None.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water, remove contact lenses, if applicable, continue flushing for at least 5 minutes, holding the eyelids open. Seek medical attention immediately.
SKIN: Wash thoroughly with water. If irritation occurs, seek medical attention.
INGESTION: Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention immediately.
INHALATION: Provide access to fresh air.

5. FIREFIGHTING MEASURES

FLAMMABILITY: Yes
COMBUSTIBLE: No
HAZARDOUS COMBUSTION PRODUCTS: N/A

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6. ACCIDENTAL RELEASE MEASURES

Wipe with absorbent paper.

7. HANDLING AND STORAGE

Store above 0°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Recommended, general ventilation.
RESPIRATORY PROTECTION: Yes. NIOSH approved respirator should be used when airborne concentrations of the ingredients exceed occupational limits.
EYE PROTECTION: Yes. Safety glasses recommended.
SKIN PROTECTION: Yes. Latex gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to slightly cloudy liquid with tendency to separate
ODOUR: Isooctanol-like (petroleum-like)
PHYSICAL STATE: Liquid
pH: 5 - 7
BOILING POINT: > 95°C
FREEZING POINT: N/A
EVAPORATION RATE: N/A
VISCOSITY @ 22 ± 1°C: N/A
VAPOUR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY @ 20 ± 1°C: 0.9 - 1.1
SOLUBILITY: N/A

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): N/A
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide, carbon oxides.

11. TOXICOLOGICAL INFORMATION

ETHANOL Oral rat LD50 7060 mg/kg
Inhalation rat LC50 20000 ppm/10h
Oral child LDlo (lowest published lethal dosage) 2000 mg/kg
Exposure limit (TWA) 1000 ppm (ACGIH)
SODIUM DIOCTYL SULFOSUCCINATE Oral rat LD50 1900 mg/kg

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12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with Federal, Provincial and Municipal regulations.

14. TRANSPORT INFORMATION

Hazard class 3. Flammable liquids.

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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