

UNELKO CORPORATION

14641 N 74TH STREET
SCOTTSDALE, AZ 85260
FAX: (480) 483-7674

Information & Emergency Phone: (480) 991-7272

IN CASE OF TRANSPORTATION EMERGENCY, CONTACT CHEM-TEL, INC. 800-255-3924

MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

TRADE NAME: GLASS SCIENCE® FOG CLEAR LIQUID

PRODUCT DESCRIPTION: Anti-fog composition for interior vehicular glass, goggles & helmets

REVISION DATE: 08/12/09

2. COMPOSITION / INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS

| <u>MATERIAL or COMPONENT</u> | <u>CAS #</u> | <u>EEC#</u> | <u>TLV (UNITS)</u> | <u>APPROX.%(WGT)</u> |
|------------------------------|--------------|-------------|--------------------|----------------------|
| Ethyl Alcohol | 64-17-5 | 200-578-6 | 1000 PPM | 84% |
| Isopropyl Alcohol | 67-63-0 | 200-661-7 | 400 PPM | 13% |

NON-HAZARDOUS INGREDIENTS

| | | | | |
|----------------------|-------------|--|-----|----|
| Non-Ionic Surfactant | Proprietary | | N/A | 3% |
|----------------------|-------------|--|-----|----|

3. HAZARDOUS IDENTIFICATION

FIRE HAZARD: Flammable

HEALTH HAZARD: May cause eye irritation if contacted. Vapors may cause drowsiness and/or dizziness.

4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Get medical attention if irritation develops.

INHALATION: If drowsiness and/or dizziness develop, remove to fresh air.

5. FIRE FIGHTING MEASURES

Use Carbon Dioxide or Dry Chemical on small fires. Use foam (ALCOHOL, POLYMER or ORDINARY) and water spray for large fires. Use self-contained breathing apparatus and protective clothing. Keep fire exposed containers cool with water. See section 9. "PHYSICAL DATA" for Flammable Limits.

6. ACCIDENTAL RELEASE MEASURES

Mop or soak up spillages in absorbent material to collect and contain for disposal. Dispose of in accordance with Local Authority Regulations.

7. HANDLING AND STORAGE

HANDLING: Use only in accordance with label instructions. Local exhaust to maintain levels below TLV.

STORAGE: Store in well-ventilated areas at temperatures below 120°F and away from ignition source.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use designated respiratory equipments when TLV limits are exceeded.

EYE PROTECTION: Eye protection is recommended when transferring bulk quantities.

SKIN PROTECTION: Use rubber gloves when transferring bulk quantities

9. PHYSICAL DATA (Product)

| | |
|---|-------------------------|
| BOILING POINT, °C | 78°C |
| MELTING POINT, °C | N/A – Not determined |
| APPEARANCE @ 25°C | Clear, colorless liquid |
| FLASH POINT, C° (TAG OPEN CUP), ASTM D-1310 | 18°C |
| AUTO-IGNITION TEMPERATURE, °C | N/A – Not determined |
| EXPLOSIVE LIMITS, VOL% IN AIR | N/A – Not determined |
| SOLUBILITY IN WATER @ 25°C | SOLUBLE |
| VAPOUR PRESSURE @ 25°C, mm HG | 33 |
| VAPOUR DENSITY, (AIR=1) | >1 |
| EVAPORATION RATE (BUTYL ACETATE=1) | 1.5 |
| SPECIFIC GRAVITY | N/A – Not determined |
| RELATIVE DENSITY OF VAPOUR/AIR-MIXTURE AT 20°C, (AIR=1) | N/A – Not determined |
| VOLATILES @ BY VOLUME | 97% (Solvent) |

10. STABILITY AND REACTIVITY

Chemical reactivity: Stable under normal conditions. Hazardous polymerization will occur.
Decomposition products: None known.
Materials / conditions to avoid: Do not mix with other chemicals. Avoid excessive heat.

11. TOXICOLOGICAL INFORMATION

Not applicable – Not determined.

12. ECOLOGICAL INFORMATION

Organic content: Biodegradable

13. DISPOSAL CONSIDERATIONS

All local regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

14. TRANSPORT INFORMATION

| | |
|--|------------------------|
| Proper shipping name: Flammable Liquid (Alcohol) | Packing group: II |
| UN Number: 1993 | IMDG class: |
| IMDG code: | RID/ADR: |
| ICAO/IATA class: | Hazard warning sign: F |
| Marine pollutant: No | |

IN PACKAGING SIZES 32 FL. OZ OR SMALLER, PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D

15. REGULATORY INFORMATION

CLASSIFICATION:
RISK PHRASES: Caution: Flammable – Eye Irritant
SAFETY PHRASES: Do not expose to flame or store at temperatures above 120°F. Keep out of reach of children.
FIRST AID PHRASES: If contacted with eyes, flush with water for 15 minutes and see physician if irritation develops.
In case of accident by inhalation: remove casualty to fresh air and keep at rest.

16. OTHER INFORMATION

STATUTORY INSTRUMENTS: CHIP 2:1994 - Health & Safety at Work Act 1974
DISCLAIMER: Judgments as to the suitability of information herein for the purchaser's purposes are necessarily the purchaser's responsibility. Unelko Corporation extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purpose or for consequences of its use.