

UNELKO CORPORATION

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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 glass
REVISION DATE: 04/18/05

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%
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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
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