



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: QUASAR (Aerosol)

Application: Tri-Ammoniated Glass Cleaner

Product Number: 1107

UN-Number: N/A

Manufacturer Information: Sunrise Environmental Scientific

Emergency Phone No.

Remit: PO Box 10207 Reno, NV 89510

Chemtrec: 1-800-424-9300

Physical: 1175 Industrial Way Sparks, NV 89431

Phone Number: 775-359-8494 or 800-648-1153

Pages: 3

Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: WARNING

Keep out of reach of children.

Potential Health Effects:

Inhalation: May result in CNS effects: including nausea, headache, and dizziness in addition to eye, nose, and throat irritation.

Skin Contact: May cause irritation.

Ingestion: May cause irritation to gastrointestinal tract. Can result in blindness and death if ingested in large amounts.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Isopropyl alcohol	67-63-0	N/D	400 ppm	400 ppm	N/A
*Methanol	67-56-1	N/D	200 ppm	200 ppm	25,000 ppm
Propellant	68-476-86-8	N/D	N/A	600 ppm	20,000 ppm

Comments: *Contains a toxic chemical or chemicals subject to the reporting requirements of SARA Title III, Section 313. Methanol, 7%.

4. FIRST AID MEASURES

Inhalation: Excessive inhalation of propellant can be harmful, move to fresh air.

Skin Contact: Wash affected area with water and soap.

Ingestion: Induce vomiting. Treat as alcohol/detergent ingestion and seek immediate physician care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes.

Additional Information: None

5. FIRE FIGHTING MEASURES

Flash Point: 182°F

Upper Flammable Limit (UEL): 12.0%

Lower Flammable Limit (LEL): 2.0%

Flammable Limits: Isopropyl Alcohol

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: May produce irritating fumes in fire.

Explosion Hazard: Alcohol solution-cool with water spray in fire.

Hazardous Combustion Product: May produce irritating fumes.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment. Water spray lowers alcohol flame intensity.

NFPA Rating: (Flammability 1) (Health 1) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid spraying product into eyes.

Environmental Precautions: Avoid spraying product near ignition source.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. By utilizing personal protective equipment (PPE). Isolate spill and Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

Additional Information: Follow local and federal regulations with regard to chemical spills.

7. HANDLING AND STORAGE

Handling Procedure: Avoid skin and eye contact.

Storage Procedures: Store away from reactive chemicals in a cool, well ventilated area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

Engineering Measures: N/D

Personal Protective Equipment (PPE): Do not spray directly into eyes.

Hygiene Recommendations: Use caution appropriate for alcohol based glass cleaners.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue

Physical State: Liquid

Vapor Pressure: N/A

Boiling Point: 182°F

Solubility (H2O): Soluble in water

Freezing Point: N/D

Odor: Ammonia odor

pH: N/D

Density: N/D

Evaporation Rate: N/A

Vapor Density: N/A

Melting Point: N/A

Specific Gravity: 0.975

VOC: 11.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Hot storage.

Incompatibility: Oxidizers, strong chemicals.

Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide, and formaldehyde.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, ingestion, and skin/eye contact

Acute Health Hazards: May cause skin irritation or dermatitis in some individuals. Inhalation of vapors may result in CNS effects including dizziness, headache, nausea and eye/nose/throat irritation. Ingestion may cause irritation of gastrointestinal tract. Ingestion of large quantities may result in blindness or death.

NTP: No

IARC Monographs: No

Carcinogenicity: No component in this product is a carcinogenic.

Chronic Toxicity: Not established.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: Use caution appropriate to alcohol based glass cleaner.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations for this material. Do not incinerate aerosol cans.

14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: N/A

Marine Pollutant: N/A

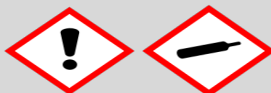
Shipping Name: Quasar

Required Label:

15. REGULATORY INFORMATION

Classification: Toxic

Hazard Symbol: Exclamation Point, Gas Cylinder



US Federal Regulations:

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a moderate eye irritant when directly sprayed in the eyes.

SARA Title III-This product does contains a toxic chemical or chemicals subject to the reporting requirements of SARA Title III, Section 313. Methanol, 7%

State Regulations:

California Prop. 65-This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 03/19/2014

Revision Date: 03/11/2015

Contact Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
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Phone Number: 775-359-8494 or 800-648-1153
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