

1. Product and Company Identification

Product Code: 013370401
Product Name: Blue Magic Glass Cleaner
Company Name: S2 Chemicals
1551 W. 13th St
Suite 207
Upland, CA 91786
Web site address: www.s2chemicals.com
Emergency Contact: infotrac 1 (800)535-5053
Recommended Use: Glass & Surface Cleaner
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Flammable Liquids, Category 3
Serious Eye Damage/Eye Irritation, Category 2A
Specific Target Organ Toxicity (single exposure), Category 3
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Acute Toxicity: Inhalation, Category 4



GHS Signal Word: **Warning**

GHS Hazard Phrases: H226 - Flammable liquid and vapor.
H319 - Can cause serious eye irritation.
H335 - May cause respiratory irritation.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H332 - Harmful if inhaled.

GHS Precaution Phrases: P233 - Keep container tightly closed.
P243 - Take precautionary measures against static discharge.
P264 - Wash hands thoroughly after handling. P102 - Keep out of reach of children.
P271 - Use only outdoors or in a well-ventilated area.
P270 - Do not eat, drink or smoke when using this product.
P362+364 - Take off contaminated clothing and wash it before reuse.
P280 - Wear protective gloves and eye/face protection as specified by the supplier or the competent authority.

GHS Response Phrases: P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302+352 - If on skin (or in hair): Wash with plenty of soap and water.
P301+310 - If swallowed: Immediately call a Poison Center or doctor.

GHS Storage and Disposal Phrases: P501 - Dispose of contents and container according to the local, city, state and federal regulations. P411+235 - Store in cool dry place at room temperature away from direct sunlight.

Inhalation: May cause respiratory tract irritation.
Skin Contact: May cause skin irritation.
Eye Contact: Substance causes slight eye irritation.
Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
67-63-0	Isopropyl alcohol	Proprietary	
111-76-2	Ethanol, 2-Butoxy-	Proprietary	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid immediately.

In Case of Skin Contact: In case of contact, flush skin with plenty of water. Get medical aid if irritation develops and persists.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. Get medical aid.

In Case of Ingestion: Do not induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 125.00 F Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Use water spray to keep fire-exposed containers cool.

Flammable Properties and

Hazards:

Hazardous Combustion

Products:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use water spray to dilute spill to a non-flammable mixture. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid breathing dust, mist, or vapor. Do not allow to evaporate to near dryness. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale.

Precautions To Be Taken in Keep away from heat, sparks and flame. Do not store in direct sunlight. Store in a tightly

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Storing: closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	

Respiratory Equipment (Specify Type): No special requirements under normal use conditions.

Eye Protection: Safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): No special ventilation requirements. General room ventilation is adequate.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Blue color liquid with solvent odor.

pH: ~ 9.00 - 10.50

Melting Point: NE

Boiling Point: >= 212.00 F

Flash Pt: > 125.00 F Method Used: Pensky-Marten Closed Cup

Evaporation Rate: NE

Flammability (solid, gas):

Explosive Limits: LEL: N/A UEL: N/A

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Specific Gravity (Water = 1): ~ 0.960

Density: ~ 8.00 LB/GA

Bulk density: NA

Solubility in Water: 100%

Saturated Vapor Concentration: NE

Octanol/Water Partition Coefficient:

VOC / Volume: 236.0000 G/L

Autoignition Pt: NE

Decomposition Temperature: NE

Viscosity: NP

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Light, ignition sources, Excess heat, Incompatible materials.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: CAS# 111-76-2: Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG. Result: Behavioral: Somnolence (general depressed activity). Behavioral: Muscle weakness. ; Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46, Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H. Result: Behavioral: Ataxia. Nutritional and Gross Metabolic: Weight loss or decreased weight gain. ; Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

Carcinogenicity/Other Information: CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans. California: Not listed. NTP: Not listed. IARC: Not listed.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: CAS# 111-76-2: LC50, Brine Shrimp (*Artemia salina*), nauplii, 1000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C. Result: Morphological changes. ; Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Quart and one gallon: Limited Quantity.
Five Gallons or Higher: NA1993, Combustible Liquid, n.o.s., (Contains Isopropyl Alcohol), Comb. Liq., III.

DOT Hazard Class: 3 COMBUSTIBLE LIQUID

UN/NA Number: NA1993 **Packing Group:** III



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LAND TRANSPORT (Canadian TDG):**TDG Shipping Name:** NA1993, Combustible Liquid, n.o.s., (Contains Isopropyl Alcohol), Comb. Liq., III.**MARINE TRANSPORT (IMDG/IMO):****IMDG/IMO Shipping Name:** NA1993, Combustible Liquid, n.o.s., (Contains Isopropyl Alcohol), Comb. Liq., III.**AIR TRANSPORT (ICAO/IATA):****ICAO/IATA Shipping Name:** NA1993, Combustible Liquid, n.o.s., (Contains Isopropyl Alcohol), Comb. Liq., III.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-63-0	Isopropyl alcohol	No	No	Yes
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230

16. Other Information

Revision Date: 11/17/2021**Additional Information About****This Product:****Company Policy or****Disclaimer:**