SAFETY DATA SHEET

ECO CLEAN Glass Cleaner Concentrate

Product code: D11041

Version 2 | Issue date 2026-10-26 | Supersedes Version 1 (2026-07-10)

SECTION 1. IDENTIFICATION

Product identifier

Product name ECO CLEAN Glass Cleaner Concentrate

Other means of identification Glass and surface cleaner concentrate

Product code	Package	Net contents	UPC
D11041	Case of 4 jugs	4 x 1 US gal (3.785 L)	787302110414

Recommended use and restrictions on use

Recommended use Concentrated cleaner for glass and hard surfaces such as windows, mirrors, windshields, displays and counters. Dilute with water before use.

Restrictions on use For professional and industrial use only. Keep the concentrate away from heat, sparks, open flames and other ignition sources. Do not mix with other chemicals, including chlorine bleach.

Manufacturer or supplier

Company Gascó Industrial Corp.

Address Calle A Lote 3, Rincón Industrial Park, Gurabo, PR 00778

Mailing address PO Box 1360, Gurabo, PR 00778

Telephone (787) 737-4000

Email orders@gascoindustrial.com

Website www.gascoindustrial.com

Emergency telephone number

Poison Control 1-800-222-1222 (24 hours)

SECTION 2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Flammable liquids Category 3

Serious eye damage/eye irritation Category 2A

Specific target organ toxicity, single exposure (narcotic effects) Category 3

Label elements



Signal word

Warning

Hazard statements

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

Prevention

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharge.

P261	Avoid breathing mist/vapors/spray.	**P264**	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.	**P280**	Wear eye protection/face protection.

Response

P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312	Call a poison center/doctor if you feel unwell.	**P337+P313**	If eye irritation persists: Get medical advice/attention.

P370+P378	In case of fire: Use alcohol-resistant foam, dry chemical, carbon dioxide or water spray to extinguish.

Storage

P403+P233+P235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.

Disposal

P501	Dispose of contents/container in accordance with local, state and federal regulations.

Other hazards

Hazards of chemical reaction products	None known	**Hazards not otherwise classified (HNOC)**	None known

Other hazards which do not result in classification Vapor is heavier than air and may travel along the ground to a distant ignition source and flash back. Prolonged or repeated skin contact may dry the skin. The product contains a skin sensitizer (a fragrance component) below the concentration that classifies the product; it may cause an allergic skin reaction in persons who are already sensitized.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)	GHS classification
Isopropyl alcohol Synonym: 2-Propanol	67-63-0	44 to 46 (w/w)	Flammable liquids, Category 2 (H225); Serious eye damage/eye irritation, Category 2A (H319); Specific target organ toxicity, single exposure (narcotic effects), Category 3 (H336)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight. Water and other ingredients, each below the concentration at which it would have to be listed, make up the remainder.

SECTION 4. FIRST-AID MEASURES

Inhalation Remove the person to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, trained personnel should give oxygen. If breathing has stopped, give artificial respiration. Call Poison Control at 1-800-222-1222 or a doctor if the person feels unwell.

Skin contact Take off immediately all contaminated clothing. Rinse skin with plenty of water or shower. Get medical attention if irritation or a rash develops or persists. Keep contaminated clothing away from ignition sources and wash it before reuse.

Eye contact Rinse cautiously with water for at least 15 minutes, holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Ingestion Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. Call Poison Control at 1-800-222-1222 or a doctor immediately.

Most important symptoms and effects, acute and delayed Eyes: redness, tearing, pain and swelling of the conjunctiva. Inhalation: irritation of the nose and throat, headache, drowsiness and dizziness; high concentrations may cause central nervous system depression and loss of consciousness. Ingestion: nausea, vomiting, abdominal pain and drowsiness; large amounts may cause coma. Skin: dryness after prolonged or repeated contact. Delayed: an allergic skin rash is possible in persons already sensitized to a fragrance component of the product.

Immediate medical attention and special treatment Treat symptomatically and supportively. After ingestion of large amounts, monitor breathing, blood pressure and level of consciousness. Isopropyl alcohol is metabolized to acetone.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Alcohol-resistant foam, dry chemical, carbon dioxide or water spray. Use water spray or fog to cool exposed containers.

Unsuitable extinguishing media Do not use a solid water stream; it may scatter and spread the burning liquid. Foams that are not alcohol-resistant may be ineffective.

Specific hazards arising from the chemical Flammable liquid and vapor. Vapor is heavier than air and may travel along the ground to a distant ignition source and flash back. Vapor can form explosive mixtures with air. Plastic jugs may soften, rupture and release burning liquid in a fire. Runoff to sewers may create a fire or explosion hazard.

Hazardous combustion products Carbon monoxide and carbon dioxide; small amounts of nitrogen oxides and sulfur oxides from minor ingredients.

Special protective equipment and precautions for fire-fighters Wear positive-pressure self-contained breathing apparatus and full protective fire-fighting gear. Cool containers exposed to fire with water spray from a safe distance and continue after the fire is out. Contain runoff from fire control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Eliminate all ignition sources (no smoking, flares, sparks or flames). Ventilate the area. Keep unprotected personnel away and stay upwind. Avoid contact with eyes and avoid breathing vapor. Wear the protective equipment listed in Section 8. For a large spill, consider initial downwind evacuation for at least 300 meters (1,000 feet).

Environmental precautions Prevent entry into drains, sewers, basements and waterways. Notify the authorities if the product reaches sewers or waterways, as required by applicable regulations.

Methods and materials for containment and cleaning up Stop the leak if it can be done without risk. Contain the spill with dry earth, sand or other non-combustible absorbent material and place it in closed containers for disposal. Use clean, non-sparking tools to collect absorbed material. Water spray may reduce vapor but may not prevent ignition in closed spaces. After cleanup, rinse the area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond containers and receiving equipment when transferring the concentrate, and take action to prevent static discharge. Use non-sparking tools. Use only in a well-ventilated area. Avoid contact with eyes and avoid breathing vapor. Dilute with water before use. Wash hands thoroughly after handling. Do not eat, drink or smoke in work areas. Empty containers retain residue and vapor: do not cut, weld, drill or grind on or near them.

Conditions for safe storage, including any incompatibilities Store in a cool, well-ventilated area for flammable liquids, away from heat, ignition sources and direct sunlight. Keep containers tightly closed when not in use. Store locked up. Store in accordance with 29 CFR 1910.106 (Category 3 flammable liquid), NFPA 30 and local fire codes. Keep away from strong oxidizing agents, strong acids, chlorine bleach and the other incompatible materials listed in Section 10.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Component	CAS number	OSHA PEL	ACGIH TLV	NIOSH REL	IDLH
Isopropyl alcohol	67-63-0	400 ppm (980 mg/m³) TWA	200 ppm (492 mg/m³) TWA; 400 ppm (983 mg/m³) STEL; A4 (not classifiable as a human carcinogen)	400 ppm (980 mg/m³) TWA; 500 ppm (1,225 mg/m³) STEL	2,000 ppm

Components without established occupational exposure limits: Water.

Exposure controls and personal protective equipment

Other exposure guidelines No other ingredient listed in Section 3 has an OSHA, ACGIH or NIOSH limit.

Biological limit value ACGIH BEI for isopropyl alcohol: acetone in urine, 40 mg/L, sampled at the end of the shift at the end of the workweek.

Engineering controls Use general ventilation, and local exhaust ventilation where the concentrate is transferred or diluted, to keep airborne concentrations below the exposure limits. Use explosion-proof electrical, ventilating and lighting equipment in storage and transfer areas. Provide an eyewash station close to the work area.

Eye and face protection Chemical splash goggles when handling the concentrate. Add a face shield where splashing is likely.

Hand protection Chemical-resistant gloves, such as nitrile rubber or butyl rubber. Confirm breakthrough time with the glove manufacturer for the conditions of use.

Body protection Long sleeves or a protective apron when handling the concentrate.

Respiratory protection	Not normally required with adequate ventilation. If the exposure limits may be exceeded, use a NIOSH-approved respirator with organic vapor cartridges within its assigned protection factor. Follow a respiratory protection program that meets 29 CFR 1910.134.
General hygiene	Wash hands after handling and before eating, drinking or smoking. Remove contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Color**	Blue, clear
Odor	Characteristic	**Odor threshold**	Isopropyl alcohol: 22 ppm
Melting point/freezing point	No data available		
Initial boiling point and boiling range	Approx. 82 °C (180 °F) (estimated from published data for isopropyl alcohol in water), rising toward 100 °C (212 °F) as the isopropyl alcohol boils off		
Flammability	Flammable liquid and vapor (Category 3)		
Flammability limits in air	Isopropyl alcohol: lower 2.0% by volume; upper 12.7% by volume at 93 °C (200 °F)		
Flash point	Approx. 21 °C (70 °F), closed cup	**Auto-ignition temperature**	Isopropyl alcohol: 399 °C (750 °F)
Decomposition temperature	No data available	**pH**	No data available
Kinematic viscosity	No data available	**Solubility in water**	Completely miscible
Partition coefficient n-octanol/water (log value)	Isopropyl alcohol: log Kow 0.05	**Vapor pressure**	Approx. 4 kPa (30 mmHg) at 20 °C (68 °F)
Evaporation rate	Isopropyl alcohol: 1.5 (n-butyl acetate = 1)		
Density	Approx. 0.93 g/cm³ (7.8 lb/US gal) at 20 °C (68 °F)		
Relative density (water = 1)	Approx. 0.93 at 20 °C (68 °F)	**Relative vapor density (air = 1)**	Isopropyl alcohol: 2.1
Particle characteristics	Not applicable		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions are known under normal conditions of storage and use.
Chemical stability	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions	Reacts vigorously with strong oxidizing agents. Mixing with chlorine bleach can form chloroform and other chlorinated compounds. Vapor can form explosive mixtures with air. Hazardous polymerization does not occur.
Conditions to avoid	Heat, sparks, open flames, static discharge and other ignition sources. Storage above 40 °C (104 °F).
Incompatible materials	Strong oxidizing agents, strong acids, chlorine bleach (sodium hypochlorite) and other halogens, acid anhydrides, isocyanates and aluminum.
Hazardous decomposition products	Carbon monoxide and carbon dioxide, with small amounts of nitrogen oxides and sulfur oxides, when burned. None expected under normal conditions of storage and use.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Inhalation, eye contact, skin contact and ingestion.
Symptoms	Eyes: redness, tearing, pain and swelling of the conjunctiva. Inhalation: irritation of the nose and throat, headache, drowsiness and dizziness; high concentrations may cause central nervous system depression and loss of consciousness. Ingestion: nausea, vomiting, abdominal pain and drowsiness; large amounts may cause coma. Skin: dryness after prolonged or repeated contact.
Delayed and immediate effects and chronic effects	Immediate: eye irritation, drowsiness and dizziness. Delayed: an allergic skin reaction is possible in persons already sensitized to a fragrance component of the product. Chronic: prolonged or repeated skin contact may dry the skin.
Acute toxicity	Not classified
Acute toxicity estimates (ATE)	Oral: ATEmix greater than 5,000 mg/kg, calculated from the ingredients. Dermal and inhalation: no ingredient present at 1% or more is classified for acute toxicity by these routes. Not classified by any route.
Skin corrosion/irritation	Not classified. Ingredients that irritate the skin make up less than 10% of the product. Prolonged or repeated contact may dry the skin.
Serious eye damage/eye irritation	Category 2A. Causes serious eye irritation. Classified from the ingredients: isopropyl alcohol causes serious eye irritation and is present at 44 to 46%, above the 10% that classifies the product in Category 2A; no ingredient that causes serious eye damage is present at 1% or more.
Respiratory or skin sensitization	Not classified. A fragrance component that is a skin sensitizer (Category 1B) is present below the 1.0% that would classify the product. Persons who are already sensitized may react.

Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified. No ingredient present at 0.1% or more is listed as a carcinogen or potential carcinogen by NTP, IARC or OSHA. ACGIH: isopropyl alcohol is A4 (not classifiable as a human carcinogen).
Reproductive toxicity	Not classified
Specific target organ toxicity, single exposure	Category 3 (narcotic effects). May cause drowsiness or dizziness. Target organ: central nervous system. Classified because the product contains 44 to 46% isopropyl alcohol, above the 20% guidance value. Not classified for respiratory irritation: the ingredient that may irritate the respiratory tract is present at 1% or less.
Specific target organ toxicity, repeated exposure	Not classified
Aspiration hazard	Not classified
Interactive effects	Isopropyl alcohol, through its metabolite acetone, can increase the liver toxicity of carbon tetrachloride.

Component data: Isopropyl alcohol

LD50 oral, rat	5,045 mg/kg	**LD50 dermal, rabbit**	12,800 mg/kg
LC50 inhalation (vapor), rat, 4 h	72.6 mg/L	**Skin irritation, rabbit**	Not irritating
Skin sensitization, guinea pig	Not sensitizing		
Mutagenicity	Negative (bacterial, mammalian cell and mouse micronucleus tests)		

SECTION 12. ECOLOGICAL INFORMATION

Component data: Isopropyl alcohol

LC50 fish, 96 h	9,640 mg/L (Pimephales promelas)	**EC50 daphnia, 48 h**	13,299 mg/L (Daphnia magna)
NOEC daphnia, 21 days	30 mg/L (Daphnia magna)		
EC50 algae, 72 h	Greater than 1,000 mg/L (Desmodesmus subspicatus)		

Persistence, bioaccumulation, mobility and other effects

Persistence and degradability	No data available for the product. Isopropyl alcohol: 72 to 78% degraded in 20 days in a standard test; it does not hydrolyze. In air, isopropyl alcohol is degraded by hydroxyl radicals, with a half-life of approx. 10 to 25 hours.
Bioaccumulative potential	Low. Isopropyl alcohol: log Kow 0.05; bioconcentration factor approx. 1 (calculated).
Mobility in soil	Isopropyl alcohol is completely miscible with water, is very mobile in soil and evaporates readily from soil and water surfaces.
Other adverse effects	Based on its ingredients, the product meets the GHS criteria for hazardous to the aquatic environment, acute Category 3 and long-term Category 3, classes that OSHA does not adopt. Do not release the concentrate to waterways. Isopropyl alcohol is a volatile organic compound (VOC); see Section 15 for the VOC content.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Dispose of contents and container in accordance with local, state and federal regulations. Do not discharge the concentrate to sewers, drains or waterways. Send waste concentrate to a permitted hazardous waste treatment, fuel blending or incineration facility.
RCRA waste code	D001 (ignitable waste) when discarded, because the flash point is below 60 °C (140 °F).
Contaminated packaging	Empty jugs retain residue and vapor. Keep them closed and away from ignition sources. Do not cut, weld, drill or grind on or near them. Dispose of empty containers in accordance with applicable regulations.

SECTION 14. TRANSPORT INFORMATION

	DOT (US ground)	IMDG (sea)	IATA (air)
UN number	UN1993	UN1993	UN1993
UN proper shipping name	Flammable liquids, n.o.s.	Flammable liquids, n.o.s.	Flammable liquids, n.o.s.
Transport hazard class	3	3	3
Packing group	III	III	III
Hazard labels	Flammable liquid	Flammable liquid	Flammable liquid
Marine pollutant	No	No	Not applicable

Emergency response guide	ERG Guide 128
Transport in bulk according to MARPOL Annex II	Not applicable (shipped in packages, not in ship tanks)
4 x 1 US gal case (D11041)	Ship fully regulated in UN specification combination packaging for packing group III liquids (49 CFR 173.203), with the UN1993 and proper shipping name marks, Flammable liquid label, orientation arrows, shipping paper and emergency response information. Placard Flammable at 454 kg (1,001 lb) or more aggregate gross weight (49 CFR 172.504).
Special precautions for user	Keep away from heat and ignition sources. Keep containers upright and closed.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication	This product is a hazardous chemical under 29 CFR 1910.1200.
TSCA inventory	The ingredients listed in Section 3 are listed on the TSCA Inventory or are exempt from listing.
SARA 302 extremely hazardous substances	Not listed
SARA 311/312 hazard categories	Flammable (gases, aerosols, liquids or solids); serious eye damage or eye irritation; specific target organ toxicity (single or repeated exposure).
SARA 313 toxic chemicals	Not subject to the supplier notification requirements of 40 CFR 372.
CERCLA reportable quantity	No ingredient listed in Section 3 is a CERCLA hazardous substance.
VOC content	Approx. 45% by weight as supplied, from the isopropyl alcohol.
New Jersey right-to-know	Contains a substance on the New Jersey right-to-know hazardous substance list (special health hazard substance).
Pennsylvania right-to-know	Contains a substance on the Pennsylvania right-to-know hazardous substance list (environmental hazard).
Massachusetts right-to-know	Contains a substance on the Massachusetts right-to-know substance list.
California Proposition 65	No ingredient listed in Section 3 is on the Proposition 65 list.

SECTION 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of preparation or last revision

Issue date	2026-10-26	**Version**	2
Date of first issue	2026-07-10	**Supersedes**	Version 1 (2026-07-10)

Hazard ratings

NFPA 704



HMIS

Health	2
Flammability	2
Physical hazard	0

NFPA 704 ratings run from 0 (minimal hazard) to 4 (severe hazard). HMIS rating scale: 0 minimal, 1 slight, 2 moderate, 3 serious, 4 severe. Personal protection: see Section 8.

NFPA 704 and HMIS ratings are provided for reference only and are not part of the GHS classification.

References

1. OSHA Hazard Communication Standard, 29 CFR 1910.1200, Appendices A to D, as amended May 20, 2024.
2. US DOT Hazardous Materials Regulations, 49 CFR 171 to 180.
3. Flash points of aqueous solutions of flammable solvents: closed-cup data for isopropyl alcohol in water. IChemE Symposium Series No. 150 (2004).

Disclaimer

The information in this Safety Data Sheet is believed to be accurate as of the issue date and is given in good faith as a guide to safe handling, use, storage, transport and disposal. It is not a product specification and no warranty, express or implied, is made. Users must determine the suitability of the product for their own purposes and comply with all applicable laws and regulations. Gascó Industrial Corp. accepts no liability for loss or damage resulting from the use of this information or of the product.

Document control (Section 16, continued)

Document ID	SDS-D11041	**Version**	2
Issue date	2026-10-26	**Supersedes**	Version 1 (2026-07-10)

Revision history

Version	Date	Summary of changes
2	2026-10-26	Full revision: all sections reviewed and updated.
1	2026-07-10	First issue.

Review and approval

Role	Name	Title	Signature	Date
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Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200.

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