



Safety Data Sheet Glass Serum Pro

SECTION 1: Identification

GHS Product identifier

Product name	Glass Serum Pro
Product number	gk-200
Brand	Dr. Beasley's

Recommended use of the chemical and restrictions on use

Water repellent treatment for glass

Supplier's details

Name	Dr. Beasley's
Address	1439 W Shakespeare Ave Chicago IL 60614 US
Telephone	773-404-1600
Emergency phone number	CHEMTREC 24 Hours/day; 7 Days/week USA and Canada - Toll Free: 800-424-9300 USA and Canada - Local: +1-703- 527-3887

SECTION 2: Hazard identification

CLASSIFICATIONS OF THE SUBSTANCE OR MIXTURE

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2024)

- Flammable liquids, Cat. 2
- Eye irritation, Cat. 2A
- Specific target organ toxicity - Single exposure, Cat. 3 (Central Nervous System)

Pictograms



Signal word

Danger

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Hazard Statements:

H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

Precautionary Statements:

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking
P233	Keep container tightly closed
P261	Avoid breathing dust/fume/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/eye protection/face protection

SECTION 3: Composition/information on ingredients

Mixtures

Component	Concentration
Isopropyl Alcohol (CAS no.: 67-63-0)	70 - 90 % (weight)*
Trade Secret	10 - 30 % (weight)*

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	<p>Remove to fresh air and promote deep breathing. Get medical attention if effects persist.</p> <p>Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.</p>
In case of skin contact	<p>Wash with plenty of soap and water. Get medical attention if irritation develops or persists.</p> <p>Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.</p>
In case of eye contact	<p>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention</p> <p>Acute and delayed symptoms and effects: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.</p>
If swallowed	<p>Do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.</p>

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Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

Carbon oxides

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

Personal Protective Equipment must be worn. See Personal Protection Section 8 for PPE recommendations.

Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

Work/Hygienic Practices:

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvents, kerosene or other harsh or abrasive skin cleaners for washing exposed skin areas. Take a shower after use if general contact occurs. Wash thoroughly after handling. Launder articles before reuse and discard saturated articles that cannot be cleaned thoroughly.

General Handling Procedures:

Wear water/oil resistant gloves and protective clothing. (Nitrile or Neoprene). Wear chemical goggles with side shields. Keep containers closed when not in use. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near containers. Empty containers contain product residue which may exhibit hazards of the product. Maximum handling temperature has not been determined. Smoking, eating and drinking should be prohibited in the application Area.

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Storage Procedures: Keep containers sealed and store upright when not in use. Rotate stock. Store in clean, dry containers at ambient temperatures and it should remain stable unless it is contaminated. Do NOT store at temperatures greater than 1200F (490C). Maximum storage temperature has not been determined. **Protect from freezing.**

SECTION 8: Exposure controls/personal protection

Ventilation Procedures: Use with adequate ventilation to control vapor concentrations.

Skin Protection: As needed to prevent repeated skin contact. Impervious or neoprene gloves should be used when contact can occur. Wash hands thoroughly after handling. A rubber apron or suit is recommended. Use chemically protective boots when necessary to avoid contaminating shoes. Do NOT wear rings, watches or similar apparel that could entrap the material and cause skin irritation.

Eye Protection: Wear safety glasses with side shields or full face shield as needed.

Respiratory Protection: Use NIOSH/MSHA approved respirator with a dust mist cartridge.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Color	None/clear
Odor	alcohol-like
Odor threshold	200 ppm
Melting point/freezing point	-88°C
Boiling point or initial boiling point and boiling range	82° C
Flammability	Non-flammable
Lower and upper explosion limit/flammability limit	LEL 2%(V); UEL 12.7%(V)
Flash point	12°C
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solubility	Partially miscible in water
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Density and/or relative density	(H2O=1) no data
Relative vapor density	(Air=1.0): >1

SECTION 10: Stability and reactivity

Reactivity

None under normal use conditions.

Chemical stability

Stable under normal storage conditions.

Possibility of hazardous reactions

No data available.

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Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials

Strong oxidizing agents, aldehydes, chlorine, ethylene oxide, halogens, isocyanates, strong acids

Hazardous decomposition products

Carbon oxides

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Eye Effects:

Will cause irritation on contact, may be severe if not immediately removed.

Skin Effects:

May cause mild irritation on contact. Prolonged or repeated contact, as from wet clothing, may cause drying, defatting of skin and dermatitis. An ingredient in this product may be absorbed through the skin.

Respiration Irritation:

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract and is pronounced from heat. Based on data from components or similar materials.

Chronic Toxicity:

No data available to indicate product or components present at greater than 1% are chronic health hazards.

Oral Toxicity:

Will cause nausea, vomiting and diarrhea if ingested. Acute oral toxicity (LD-50 oral) 5,000 mg/kg.

Reproductive Toxicity:

No data available to indicate either product or components present at greater than 0.1% may cause reproductive toxicity.

Carcinogenicity:

This material is not considered to be carcinogenic under IARC.

Mutagenicity:

No data available to indicate either product or components present at greater than 0.1% are mutagenic or genotoxic.

Teratogenicity:

No data available to indicate either product or components present at greater than 0.1% may cause birth defects.

SECTION 12: Ecological information

Freshwater Fish Toxicity: 96 HR LC50, Fathead Minnows: 9,640 mg/L

Saltwater Fish Toxicity: Not Applicable

Miscellaneous Toxicity: Not Applicable

Algal Inhibition: Not Applicable

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Bacteria Toxicity: Toxicity threshold (*Pseudomonas putida*): 1,050 mg/l; Exposure time: 16 h

Biodegradation: Yes, (B.O.D.) Test – F Factor (0.28)

Soil Mobility: Not Applicable

Bioaccumulation: Not Applicable

Freshwater Invertebrates Toxicity: Not Applicable

Eco toxicity: Not Applicable

SECTION 13: Disposal considerations

Product: Comply with Federal, State and Local regulations regarding chemical wastes. Do not flush to drain or storm sewer. Contact authorized disposal service. If approved, neutralize with lime or soda ash and flushed with wastewater treatment system. This material may be a RCRA Hazardous waste due to its corrosive characteristics.

Packaging, Empty: Unclean containers should be disposed of in compliance with all relevant Federal, State and Local laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes. Receiver of container should be informed about the potential hazards as described in this Safety Data Sheet.

SECTION 14: Transport information

DOT (US)

UN1219, Isopropanol, 3, II

IMDG

UN1219, ISOPROPANOL, 3, II, Flash Point: 12E C (54EF)

IATA

UN1219, Isopropanol, 3, II

Canadian Shipping Information: Not regulated under Transportation of Dangerous Goods Act.

SECTION 15: Regulatory information

US TSCA Inventory Status:

The components of this product are listed, or are exempt from TSCA Chemical Substances Inventory. National, State and Local regulations pertaining to prevention of water pollution must be adhered to.

SARA Title III Sec. 302/304 Extremely Hazardous Substances:

This product does not contain substances under section 302/304

SARA Sec. 311/312:

Acute Health Hazard, Fire Hazard

SARA Title III Sec. 313:

This product does not contain greater than 1% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

TDG Regulated Limits:

None Known

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V.O.C. Compliant:

Yes

Canada:

WHMIS Classification E. All components are in compliance with the Canadian Protection Act and are present on the Domestic Substances List.

California Proposition 65: WARNING: Cancer and reproductive harm. Please visit: www.P65Warnings.ca.gov

SECTION 16: Other information

Abbreviations:

ACGIH (American Conference of Governmental Industrial Hygienists); ANSI (American National Standards Institute); CAS (Chemical Abstract Service); CERCLA (Comprehensive Environmental Response, Compensation, & Liability Act); CFR (Code of Federal Regulations); CHIP (Chemicals Hazard Information & Packaging for Supply); COC Cleveland Closed Cup); CONCAWE (European Organization for Environment, Health & Safety); CPR (Controlled Products Regulations); DOL (Department of Labor); EEC (European Economic Community Directives); EINEXS (European Inventory of Existing Commercial Chemical Substances); EL50 (Effective loading rate required to immobilize 50% invertebrate species); ELINCS (European List of New Chemical Substances); EPA (Environmental Protection Agency); EPCRA (Emergency Planning & Community Right-To-Know Act of 1986); EU (European Union); FDA (Food & Drug Administration-USA); GHS (Global Harmonization System); HCS (Hazard Communication Standard); IARC (International Agency for Research on Cancer); ILO (International Labor Organization); LC50 (Lethal Concentration 50% test organisms); LD50 (Lethal Dose 50% test organisms); LVPVOC (Low Vapor Pressure Volatile Organic Compound); MSDS (Material Safety Data Sheet); SDS (Safety Data Sheet); MSHA (Mine Safety & Health Administration); NIOSH (National Institute of Occupational Safety & Health); NTP (National Toxicology Program); NOS (Not Otherwise Specified); OSHA (Occupational Safety & Health Administration); PEL (Permissible Exposure Limit); Prop 65 (California Proposition 65); PMCC (Pensky Martin Closed Cup); RCRA (Resource Conservation & Recovery Act); RTK (Right-To-Know); R-Phrases (EU Risk Phrases); S-Phrases (EU Safety Phrases); SARA (Superfund Amendments & Reauthorization Act); TDG (Transport Dangerous Goods); TSCA (Toxic Substances Control Act); TSL (Toxic Substance List); TLV (Threshold Limit Value); VOC (Volatile Organic Compounds); WHMIS (Workplace Hazardous Materials Information System-Canada); Irl50 (Inhibitory loading rate required to reduce algal growth rate by 50%); Ibl50 (Inhibitory loading rate required to reduce area under growth curve or biomass by 50%); ppm (parts per million); mg/m3 (milligrams per cubic meter); N (no); Y (yes)

Further information/disclaimer

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