

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

1 Identification

- (a) Product Identifier: Invisible Glass®
Stock Number: 92564
- (b) Other means of identification:
Synonyms: None Known
- (c) Recommended use and restrictions on use:
Recommended use: Glass Cleaner
Restrictions on use: Uses not described above.
- (d) Initial Supplier Identifier: Stoner Incorporated
Manufacture/Distributor: 1070 Robert Fulton Hwy.
Quarryville, PA 17566
Tel No.: 1-800-227-5538
Email address: customerservice@stonersolutions.com
- (e) Emergency telephone number and any restrictions on the use of that number, if applicable: 1-800-424-9300 [CHEMTREC]

2 Hazard identification

- (a) Classification of the hazardous product, namely the appropriate category or subcategory of the hazard class identified in Subparts 2 to 19 of Part 7 or Subparts 1 to 11 of Part 8, or a name that is its substantive equivalent, or for Subpart 20 of Part 7 and Subpart 12 of Part 8, the category of the hazard class or a description of the identified hazard:
Flammable Liquid Category 2
Serious Eye Damage/Eye Irritation Category 2A

(b) Information elements referred to in section 3 of Annex 3 of the GHS and in paragraphs 3(1)(d) to (f) of these Regulations for each of those categories or subcategories. If the required information element is a symbol, either the name of the symbol or the symbol itself may be used:

GHS Hazard
class symbols:



Signal word:

Danger

Hazard statements:

Highly flammable liquid and vapour; Causes serious eye irritation

Precautionary statements:

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

Prevention:	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use an appropriate extinguisher (see section 5) to extinguish.
Storage:	Keep container tightly closed. Store in a well-ventilated place. Keep cool.
Disposal:	Dispose of contents/container to a suitable disposal site in accordance with local/national/international regulations.

(c) Other hazards known to the supplier with respect to the hazardous product:

Physical hazards not otherwise classified None Known

Health hazards not otherwise classified None Known

3 Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS registry number and any unique identifiers	Concentration
Water	None Known	7732-18-5	80 - 100
Proprietary hydrocarbon blend	None Known	Mixture	1-20

4 First-aid measures

(a) A description of necessary first aid measures, subdivided according to the different routes of exposure (inhalation, ingestion, skin and eye contact):

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone. Seek immediate medical attention. Keep the victim warm and quiet.
Eye contact:	Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

difficulty, seek medical attention.

Skin Contact:

Wash clothing before reuse. Seek medical attention if symptoms persist. In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes.

Ingestion:

Contact a physician, medical facility, or poison control center immediately.

(b) The most important symptoms and effects, whether acute or delayed:

Causes serious eye irritation

(c) An indication of immediate medical attention and special treatment needed, if necessary:

Not available

5 Fire-fighting measures

(a) Suitable and unsuitable extinguishing media:

Suitable extinguishing media:

Use alcohol foam, water fog, dry chemical, or CO2.

Unsuitable extinguishing media:

Not available

(b) Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion:

This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.

(c) Special protective equipment and precautions for firefighters:

Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Although this product has a flash point below 200 F, it is an aqueous solution and does not sustain combustion. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

6 Accidental release measures

(a) Personal precautions, protective equipment and emergency procedures:

Not available

(b) Methods and materials for containment and cleaning up:

Place absorbent materials into container and close it tightly. Dispose of container properly. Clean up with absorbent material. If runoff occurs, notify authorities as required. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Ventilate contaminated area. Stop or reduce discharge if it can be done safely. Wear appropriate personal protective equipment (PPE). Remove all sources of ignition.

7 Handling and storage

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

(a) Precautions for safe handling:

Protect container against physical damage. Do not use near ignition sources. Use with adequate ventilation. Do not store containers in excessive heat or direct sunlight. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. If ventilation is not sufficient, wear proper respiratory equipment.

(b) Conditions for safe storage, including any incompatibilities:

Conditions for safe storage:

Empty container may contain residues which are hazardous. Store in a cool, dry, well ventilated area away from all sources of ignition.

Materials to Avoid/Chemical Incompatibility:

Not available

8 Exposure controls/personal protection

(a) Control parameters, including occupational exposure limit values or biological limit values and the source of those values:

Canada – Alberta – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	20 PPM TWA; 97 MG/M3 TWA	Not available	Not available

Canada – British Columbia – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	20 PPM TWA	Not available	Not available

Canada – Manitoba – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada – New Brunswick – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

Canada – Newfoundland & Labrador – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada – Northwest Territories – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada – Nova Scotia – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada – Nunavut – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada – Ontario – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	20 PPM TWA	Not available	Not available

Canada – Prince Edward Island – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada – Quebec – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAEVs	Occupational Exposure Limits - STEVs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

Proprietary hydrocarbon blend	20 PPM TWA; 97 MG/M3 TWA	Not available	Not available
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Canada – Saskatchewan – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Canada - Yukon – Occupational Exposure Limits:

Chemical Name	Occupational Exposure Limits - TWAs	Occupational Exposure Limits - STELs	Occupational Exposure Limits - Ceiling
Water	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	Not available	Not available

Chemical Name	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL	IDLH
Water	Not available	Not available	Not available	Not available
Proprietary hydrocarbon blend	Not available	20 PPM TWA	Not available	Not available

(b) Appropriate engineering controls:

Local exhaust should be used in areas where exposure limits may be exceeded.

Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects).

(c) Individual protection measures, such as personal protective equipment:

Respiratory Protection:

Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

Eye and face protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

Skin Protection:

The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Hand protection:

Not available

Other protective equipment:

Not available

General hygiene conditions:

Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

9 Physical and chemical properties

(a) Appearance, such as physical state and colour:

Physical state: Bulk trigger bottle

Colour: Clear Colorless

(b) Odour:

Alcohol

Mild

Sharp

(c) Odour threshold:

Not available

(d) pH:

Not applicable

(e) Melting point and freezing point:

Not available

(f) Initial boiling point and boiling range:

Not available

(g) Flash point:

19°C

(h) Evaporation rate:

Not determined

(i) Flammability, in the case of solids and gases:

Not available

(j) Upper and lower flammability or explosive limits:

Upper flammable or explosive limit, % in air: 13

Lower flammable or explosive limit, % in air: 2.1

(k) Vapour pressure:

Not available

(l) Vapour density:

> 1.0

(m) Relative density:

0.985

(n) Solubility:

Complete; 100%

(o) Partition coefficient — n-octanol/water:

Not available

(p) Auto-ignition temperature:

Not available

(q) Decomposition temperature:

Not available

(r) Viscosity:

Not available

10 Stability and reactivity

(a) Reactivity:

Not available

(b) Chemical stability:

Stable.

(c) Possibility of hazardous reactions:

Not available

(d) Conditions to avoid, including static discharge, shock or vibration:

Strong alkalies.

Isocyanates.

Ethylene oxide.

Chlorine.

Acetaldehyde.

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

	Strong oxidizing agents.
	Acids.
	Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces.
	Avoid contact with:
(e) Incompatible materials:	Not available
(f) Hazardous decomposition products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

11 Toxicological information

Description of the various toxic health effects and the data used to identify those effects:

(a) Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):

Eye

(b) Symptoms related to the physical, chemical and toxicological characteristics:

Causes serious eye irritation

(c) Delayed and immediate effects, and chronic effects from short-term and long-term exposure:

Immediate effects from short term exposure:

Inhalation Toxicity:

High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Skin Contact:

This material is likely to be slightly irritating to skin based on animal data. Symptoms may include redness, discomfort, drying and cracking, or rash. Skin contact may cause irritation.

Eye Contact:

Classification is based on pH and the components listed in Section 3.

Ingestion Toxicity:

Not available

Delayed and chronic effects from long term exposure:

Sensitization:

This material is untested for skin sensitization in animals.

Mutagenicity:

Not available

Carcinogenicity:

THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

(d) Numerical measures of toxicity, including ATEs

Information on toxicological effects:

Acute toxicity:

ATEmix (Oral)

37.453268 mg/kg

ATEmix (Dermal)

73406.740073 mg/kg

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Proprietary hydrocarbon blend	ORAL LD50 GUINEA PIG 1200 mg/kg ORAL LD50 Rat 250 mg/kg	DERMAL LD50 Rabbit 220 mg/kg	INHALATION LC50 Rat 2900 MG/M3 INHALATION LC50 Mouse 700 ppm INHALATION LC50 Mouse 3380 MG/M3

12 Ecological information

(a) Ecotoxicity (aquatic and terrestrial, if available): Not available

Ecological Toxicity Data:

Chemical Name	CAS registry number and any unique identifiers	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Proprietary hydrocarbon blend	Mixture	Aquatic LC50 (48h) Daphnia > 100 mg/L	Aquatic LC50 (96h) Algae 6500 - 13000 mg/L	Aquatic LC50 (96h) MINNOW = 72860 mg/L

(b) Persistence and degradability:

No data available.

This material (or one of its components) is readily biodegradable, meeting the 10 day window criterion.

(c) Bioaccumulative potential:

Not available

(d) Mobility in soil:

This material (or one of its components), dissolves in water. If it enters the soil, it will be highly mobile and may contaminate ground water.

(e) Other adverse effects:

Not available

13 Disposal considerations

Information on safe handling for disposal and methods of disposal, including any contaminated packaging:

Spent or discarded material is a hazardous waste.

14 Transport information

Transportation of Dangerous Goods by land (TDG):

(a) UN number:

UN1993

(b) United Nations proper shipping name as provided for in the United Nations Model Regulations:

Flammable Liquids, n.o.s.(contains ISOPROPANOL)

(c) Transport hazard class as provided in the United Nations Model Regulations: 3

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

(d) Packing group as provided in the United Nations Model Regulations: II

International carriage of dangerous goods by sea (IMDG/IMO):

(a) UN number: UN1993

(b) United Nations proper shipping name as provided for in the United Nations Model Regulations: Flammable Liquids, n.o.s. (contains ISOPROPANOL)

(c) Transport hazard class as provided in the United Nations Model Regulations: 3

(d) Packing group as provided in the United Nations Model Regulations: II

International carriage of dangerous goods by air (IATA):

(a) UN number: UN1993

(b) United Nations proper shipping name as provided for in the United Nations Model Regulations: Flammable Liquids, n.o.s.(contains ISOPROPANOL)

(c) Transport hazard class as provided in the United Nations Model Regulations: 3

(d) Packing group as provided in the United Nations Model Regulations: II

(e) Environmental hazards according to the International Maritime Dangerous Goods Code and the United Nations Model Regulations: Not available

(f) Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78) and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)): Not available

(g) Special precautions in connection with transport or conveyance either within or outside the premises: Not available

15 Regulatory information

Safety, health and environmental regulations, made within or outside Canada, specific to the product in question:

Canada - Domestic Substances List (DSL):

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supercedes:

Chemical Name	CAS No	Canada - Domestic Substances List (DSL)
Water	7732-18-5	Yes
Proprietary hydrocarbon blend	Mixture	Yes

Canada - Non-Domestic Substances List (NDSL):

Chemical Name	CAS No	Canada - Non-Domestic Substances List (NDSL)
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Canada - Controlled Drugs and Substances:

Chemical Name	CAS No	Schedule I	Schedule II	Schedule III	Schedule IV	Schedule V	Schedule VII	Schedule VIII
Water	7732-18-5	No	No	No	No	No	No	No
Proprietary hydrocarbon blend	Mixture	No	No	No	No	No	No	No

Chemical Name	CAS No	Class A Precursors	Class B Precursors	Exempt Precursors	Class 1 Targeted Substances	Class 2 Targeted Substances
Water	7732-18-5	No	No	No	No	No
Proprietary hydrocarbon blend	Mixture	No	No	No	No	No

Canada - CEPA - Schedule III Export Control List:

Chemical Name	CAS No	Part 1 Prohibited Substances	Part 2 Substances Subject to Notification or Consent	Part 3 Restricted Substances	Export Control List
Water	7732-18-5	No	No	No	No
Proprietary hydrocarbon blend	Mixture	No	No	No	No

Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting:

Chemical Name	CAS No	Canada CEPA - 2015 Greenhouse Gases (GHG) Subject to Mandatory Reporting
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

Canada - Narcotic Control Regulations (C.R.C., c. 1041):

Chemical Name	CAS No	Canada - Narcotic Control Regulations (C.R.C., c. 1041)
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Canada - Ontario - Toxics Reduction - List of Priority Toxics:

Chemical Name	CAS No	Canada - Ontario - Toxics Reduction - List of Priority Toxics
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Stockholm Convention on Persistent Organic Pollutants:

Chemical Name	CAS No	Stockholm Convention on Persistent Organic Pollutants
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade:

Chemical Name	CAS No	Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade .
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

(United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs):

Chemical Name	CAS No	(United Nations) - Kyoto Protocol - Convention on Climate Change - Greenhouse Gases (GHGs)
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Montreal Protocol on Substances that Deplete the Ozone Layer:

Chemical Name	CAS No	Montreal Protocol on Substances that Deplete the Ozone Layer
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.:

Safety Data Sheet

Product Identifier: Invisible Glass®

Stock Number: 92564

Date of the latest revision of the safety data sheet: 06-09-2022

Supersedes:

Chemical Name	CAS No	Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.
Water	7732-18-5	No
Proprietary hydrocarbon blend	Mixture	No

16 Other information

Date of the latest revision of the safety data sheet: 06-09-2022

Revision Number: 2

Reason for revision: Activated by Document Formulation Generation

Other Information: SDS Prepared by L. Dean Swartz, SDS Coordinator

Disclaimer:

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