



## Safety Data Sheet

Supersedes: 04/19/11

Prepared: 03/24/15

### Section 1 - Product and Company Identification

#### Product Identifier

**Product Name**                      **Glass Cleaner**

#### Other means of identification

**Synonyms**                              None

#### Recommended use of the chemical and restrictions on use

**Recommended Use**                      Waterbased cleaner for glass, mirrors, stainless steel and other hard surfaces.

**Uses advised against**                      No information available

#### Details of the supplier of the safety data sheet

**Manufacturer**                              Holloway House, Inc  
309 Business Park Drive  
Fortville, IN 46040

**Emergency Telephone:**                      Inside United States: (800) 255-3924  
Outside United States: (813) 248-0585

### Section 2 - Hazards Identification

#### Classification

This product is considered hazardous per the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**GHS Classification:** Skin Irritant (Category 3)  
Eye Irritant (Category 2B)

GHS Classification Scale (1 = severe hazard; 4 = slight hazard)

#### GHS Label Elements including precautionary statements

**Signal Word:** Warning

**Pictogram:** None

#### **Hazard Statement(s):**

H316 - Causes mild skin irritation  
H320 - Causes eye irritation

**Precautionary Statement(s): Prevention**

- P101 - Keep out of reach of children
- P264 - Wash hands thoroughly after handling.
- P280 - Wear protective gloves/protective clothing / eye protection / face protection.

**Response**

- P302 + P352 - IF ON SKIN: Wash with soap and water.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.

**Storage**

- P404 - Store in a closed container.

**Disposal**

- P501 - Dispose of contents/ container by any method in accordance with local, state and federal laws and regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose into storm drain, stream, river or other waterways.

**Hazards not otherwise classified (HNOC)**

Not Applicable

**Unknown Toxicity**

0% of this mixture consists of ingredient(s) of unknown toxicity

**Other Information**

**Normal Household Use:** Health injuries are not known or expected under normal use as directed.

**Route(s) of Entry:** Eye, Skin contact, Ingestion.

**Hazardous Materials Identification System (HMIS):**

**HMIS Ratings:**

- Least = 0
- Slight = 1
- Moderate = 2
- High =3
- Extreme = 4

- Health 1
- Flammability 0
- Reactivity 0
- Equipment B

**Section 3 - Composition / Information on Ingredients**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%WT</u>	<u>Trade Secret</u>
D-glucopyranose, oligomeric, C8-C10 alkyl glucosides	68515-73-1	1.0 - 5.0	*
Isopropyl alcohol	67-63-0	1.0 - 5.0	*

\* = The exact percentage (concentration) of composition has been withheld as a trade secret

## Section 4 - First Aid Measures

### First Aid Measures

Skin Contact	Wash exposed skin areas with soap and water. Get medical attention if irritation develops and persists.
Eye Contact	Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention if irritation develops and persists.
Inhalation	Get to fresh air. If breathing difficulty should occur, seek medical attention immediately.
Ingestion	Do not induce vomiting. Drink 2-3 glasses of water. Seek medical attention if symptoms appear. Never give anything by mouth to an unconscious person.

### Most important symptoms and effects, both acute and delayed

Skin irritation.  
Eye irritation/redness.

### Indication of any immediate medical attention and special treatment needed

Do not induce vomiting. Treat symptomatically

## Section 5 - Fire Fighting Measures

### Suitable Extinguishing Media

Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, water spray/fog

### Unsuitable Extinguishing Media

Non-combustible. No special requirement.

### Specific Hazards Arising from the Chemical

No special considerations.

### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Avoid unnecessary exposure and remove all material from eyes and skin.

#### **Environmental Precautions**

Do not discharge into the environment.

### Methods and materials for containment and cleaning up

If possible, turn leaking container to prevent further liquid from escaping. Contain and mop up or otherwise absorb and hold for disposal.

## Section 7 - Handling And Storage:

**Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid breathing vapors or mist.

**Conditions for safe storage, including any incompatibilities**

Store in a cool dry area in a closed container.

**Incompatible Products**

Strong acids. Strong oxidizing agents.

**KEEP OUT OF THE REACH OF CHILDREN**

## Section 8 - Exposure Controls / Personal Protection

**Control Parameters**                      No information available on mixture.

Exposure Limits/standards of components

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
Isopropyl Alcohol 67-63-0	TWA: 200 ppm	TWA: 400 ppm STEL: 500ppm	TWA: 400 ppm STEL: 500ppm

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value*

*OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits*

*NIOSH REL: National Institute of Occupational Safety and Health - Recommended Exposure Limits*

*AIHA (WEEL): American Industrial Hygiene Association (Workplace Environmental Exposure Level)*

*TWA - Time Weighted Average*

*STEL - Short Term Exposure Limit*

**Appropriate Engineering Controls**

No special controls necessary for normal use.

**Individual Protection Measures, such as Personal Protective Equipment (PPE)**

<b>Respiratory Protection</b>	No special requirements
<b>Ventilation</b>	Normal ventilation.
<b>Protective Gloves</b>	Rubber, Neoprene, Plastic not necessary, but recommended for prolonged contact.
<b>Eye Protection</b>	Safety glasses or eye goggles not necessary, but recommended for prolonged contact.
<b>Other Protection</b>	None
<b>Hygienic Practices</b>	Wash thoroughly after handling

## Section 9 - Physical and Chemical Properties

**Physical and Chemical Properties**

<b>Appearance</b> (physical state / color)	Clear, Blue Liquid
<b>Odor</b>	Lavender
<b>Odor Threshold</b>	No information available
<b>pH</b>	10.5
<b>Melting point / Freezing point</b>	No information available

<b>Initial boiling point / boiling range</b>	212°F
<b>Flash Point</b>	No information available
<b>Evaporation Rate: (n-butyl acetate =1)</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit</b>	No information available
<b>Lower flammability limit</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>Specific Gravity</b>	1.001
<b>Relative Density (lbs./gal.)</b>	8.34
<b>Solubility In Water</b>	Complete
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	No information available
<b><u>Other Information</u></b>	No information available

## Section 10 - Stability and Reactivity

<b><u>Reactivity</u></b>	No information available
<b><u>Chemical Stability</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of hazardous reactions</u></b>	None with normal use
<b>Hazardous Polymerization</b>	Does not occur
<b><u>Conditions to avoid</u></b>	No information available
<b><u>Incompatible materials</u></b>	Stong acids. Strong oxidizing agents.
<b><u>Hazardous Decomposition Products</u></b>	Carbon oxides.

## Section 11 - Toxicological Information

### Information on likely routes of exposure

<b>Inhalation</b>	Specific test data for this product is not available.
<b>Eye contact</b>	Specific test data for this product is not available. May cause temporary eye irritation.
<b>Skin contact</b>	Specific test data for this product is not available. Prolonged exposure may cause minor skin irritation.
<b>Ingestion</b>	Specific test data for this product is not available.

### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 67-63-0	[Rat]: 5,045 mg/kg	[Rabbit]: 12,800 mg/kg	[Rat, 8 h]: 16,000 ppm
D-glucopyranose, oligomeric, C8-C10 alkyl glucosides 68515-73-1	[Rat]: > 5,000 mg/kg	[Rat]: > 5,000 mg/kg	-

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye Contact: Eye irritation and redness with overexposure.

Skin Contact: Skin irritation with prolonged exposure.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** Not established  
**Chronic Effects** Not established

**Numerical measures of toxicity**

No Information Available

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
None				

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety and Health Administration of the US Department of Labor

\* No ingredients contained in this mixture have been classified as a carcinogen by any of the agencies.

**Section 12 - Ecological Information**

**Ecotoxicity** No data available on mixture.

**Component Information**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Isopropyl Alcohol 67-63-0	EC50 (72 hr): 2,000 mg/l Desmodesmus subspicatus (green algae)	LC50 (96 hr.): 9,640 mg/l Fathead minnow (Pimephales promelas)	EC50 (24 hr): 5,102 mg/l

**Persistence and degradability** No information available

**Bioaccumulative potential** No information available

**Mobility in soil** No information available

**Other adverse effects** No information available

**Section 13 - Disposal Considerations**

**Waste Disposal Method:** Any method in accordance with local, state and federal laws and regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose into storm drain, stream, river or other waterways.

**Section 14 - Transport Information**

**U.S. - Department Of Transportation (DOT):** Not Regulated

## Section 15 - Regulatory Information

### International Inventories:

#### TSCA (40 CFR 707, Subpt. D)

The components in this product are listed on the Toxic Substances Control Act (TSCA) inventory.

### US Federal Regulations:

#### CERCLA (40 CFR 302.4)

If this product is accidentally spilled it is not subject to reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CECRLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

#### SARA 313 (TRI Reporting)

Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No.	Weight %
Isopropyl Alcohol	67-63-0	1.0 - 5.0

#### SARA 311/312

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactive Hazard	No

### US State Regulations:

#### California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT):

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

#### US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Rhode Island	Illinois	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X			X

## Section 16 - Other Information

### Revisions:

03/24/15 - Converted to GHS compliant SDS

### Disclaimer:

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