

# SAFETY DATA SHEET

Renown® Heavy Duty Glass Cleaner

(REN05002-AM / 880257)

Version 1.0

Revision Date 04/29/2015

Print Date 05/28/2015

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : Renown® Heavy Duty Glass Cleaner

Material number : A00124

### Manufacturer or supplier's details

Company : Interline Brands

Address : 701 San Marco Blvd.  
Jacksonville, FL 32207

Telephone : 1-866-412-6726

### Emergency telephone numbers

For SDS Information : 1-866-412-6726

For a Medical Emergency : 1-800-424-9300

For a Transportation  
Emergency : Chemtrec 1-800-424-9300

Note: Products labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations: The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communication Standard (GHS - Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

## SECTION 2. HAZARDS IDENTIFICATION

### Emergency Overview

|            |                                    |
|------------|------------------------------------|
| Appearance | Aerosol containing a liquefied gas |
| Colour     | colourless, clear                  |
| Odour      | like fruit                         |

### GHS Classification

Gases under pressure : Liquefied gas

### GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H280 Contains gas under pressure; may explode if heated.

Precautionary statements : **Storage:**  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
P403 Store in a well-ventilated place.

### Potential Health Effects

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## Carcinogenicity:

|              |   |
|--------------|---|
| <b>IARC</b>  | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| <b>ACGIH</b> | Confirmed animal carcinogen with unknown relevance to humans<br>ethanol 64-17-5<br>2-butoxyethanol 111-76-2   |
| <b>OSHA</b>  | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.             |
| <b>NTP</b>   | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                 |

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

| Chemical Name   | CAS-No.  | Concentration [%] |
|-----------------|----------|-------------------|
| propane         | 74-98-6  | >= 1 - < 5        |
| ethanol         | 64-17-5  | >= 1 - < 5        |
| butane          | 106-97-8 | >= 1 - < 5        |
| 2-butoxyethanol | 111-76-2 | >= 1 - < 5        |

## SECTION 4. FIRST AID MEASURES

|                         |   |
|-------------------------|---|
| General advice          | : Do not leave the victim unattended.<br>Get medical attention immediately if symptoms occur.<br>Show this safety data sheet to the doctor in attendance.                                   |
| If inhaled              | : If unconscious place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.  |
| In case of skin contact | : If skin irritation persists, call a physician.<br>Wash off immediately with plenty of water for at least 15 minutes.<br>If on clothes, remove clothes.                                    |
| In case of eye contact  | : Remove contact lenses.<br>Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.<br>Keep eye wide open while rinsing.                                     |
| If swallowed            | : Clean mouth with water and drink afterwards plenty of water.<br>Keep respiratory tract clear.<br>DO NOT induce vomiting unless directed to do so by a physician or poison control center. |

## SECTION 5. FIREFIGHTING MEASURES

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- Suitable extinguishing media : Dry chemical  
Carbon dioxide (CO<sub>2</sub>)  
Foam
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Standard procedure for chemical fires.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Sweep up or vacuum up spillage and collect in suitable container for disposal.  
Neutralise with acid.

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## SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

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- Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Oxidizing agents  
Do not freeze.
- Storage temperature : < 49 °C

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components      | CAS-No.  | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis     |
|-----------------|----------|----------------------------------|---|-----------|
| propane         | 74-98-6  | TWA                              | 1,000 ppm   | ACGIH     |
|                 |          |                                  | 1,000 ppm<br>1,800 mg/m <sup>3</sup>              | NIOSH REL |
|                 |          |                                  | 1,000 ppm<br>1,800 mg/m <sup>3</sup>              | OSHA Z-1  |
|                 |          |                                  | 1,000 ppm<br>1,800 mg/m <sup>3</sup>              | OSHA P0   |
| ethanol         | 64-17-5  | TWA                              | 1,000 ppm   | ACGIH     |
|                 |          |                                  | 1,000 ppm<br>1,900 mg/m <sup>3</sup>              | NIOSH REL |
|                 |          |                                  | 1,000 ppm<br>1,900 mg/m <sup>3</sup>              | OSHA Z-1  |
|                 |          |                                  | 1,000 ppm<br>1,900 mg/m <sup>3</sup>              | OSHA P0   |
| butane          | 106-97-8 | TWA                              | 800 ppm<br>1,900 mg/m <sup>3</sup>                | NIOSH REL |
|                 |          |                                  | 800 ppm<br>1,900 mg/m <sup>3</sup>                | OSHA P0   |
|                 |          |                                  | 20 ppm  | ACGIH     |
| 2-butoxyethanol | 111-76-2 | TWA                              | 5 ppm<br>24 mg/m <sup>3</sup>                     | NIOSH REL |
|                 |          |                                  | 50 ppm<br>240 mg/m <sup>3</sup>                   | OSHA Z-1  |
|                 |          |                                  | 25 ppm<br>120 mg/m <sup>3</sup>                   | OSHA P0   |
|                 |          |                                  |   |           |

**Biological occupational exposure limits**

| Component       | CAS-No.  | Control parameters      | Biological specimen | Sampling time                                     | Permissible concentration | Basis     |
|-----------------|----------|-------------------------|---------------------|---|---------------------------|-----------|
| 2-BUTOXYETHANOL | 111-76-2 | Butoxyacetic acid (BAA) | Urine               | End of shift (As soon as possible after exposure) | 200 mg/g                  | ACGIH BEI |

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|                     |         |
|---------------------|---------|
| Remarks: Creatinine | ceases) |
|---------------------|---------|

## Personal protective equipment

- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water  
Safety glasses  
Face-shield
- Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Aerosol containing a liquefied gas
- Colour : colourless, clear
- Odour : like fruit
- Odour Threshold : no data available
- pH : 10 - 11
- Melting point/freezing point : not applicable
- Boiling point : no data available
- Flash point :  
not applicable
- Evaporation rate : no data available
- Flammability (solid, gas) : The product is not flammable.
- Upper explosion limit : no data available
- Lower explosion limit : no data available
- Vapour pressure : no data available
- Relative vapour density : no data available
- Density : 0.993 g/cm<sup>3</sup>
- Solubility(ies)
- Water solubility : completely soluble

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Partition coefficient: n-octanol/water : no data available  
Auto-ignition temperature : not determined  
Thermal decomposition : no data available  
Heat of combustion : 3.07 kJ/g

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : Vapours may form explosive mixture with air.  
Conditions to avoid : Heat, flames and sparks.  
Incompatible materials : Oxidizing agents  
Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method  
Acute inhalation toxicity : Acute toxicity estimate : > 10 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method  
Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

#### Components:

##### **propane:**

Acute inhalation toxicity : LC50 mouse: 1,237 mg/l  
Exposure time: 2 h  
LC50 rat: 658 mg/l  
Exposure time: 4 h  
LC50 rat: 1,355 mg/l

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**ethanol:**

Acute oral toxicity : LD50 Oral rat: 7,060 mg/kg

Acute inhalation toxicity : LC50 rat: 124.7 mg/l  
Exposure time: 4 h

**butane:**

Acute inhalation toxicity : LC50 mouse: 1,237 mg/l  
Exposure time: 2 h

LC50 rat: 1,355 mg/l

## Skin corrosion/irritation

**Product:**

Remarks: May cause skin irritation and/or dermatitis.

## Serious eye damage/eye irritation

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

## Respiratory or skin sensitisation

no data available

## Germ cell mutagenicity

no data available

## Carcinogenicity

no data available

## Reproductive toxicity

no data available

**propane:**

**ethanol:**

**butane:**

**2-butoxyethanol:**

## STOT - single exposure

no data available

## STOT - repeated exposure

no data available

## Aspiration toxicity

no data available

## Further information

**Product:**

Remarks: no data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

no data available

### Persistence and degradability

no data available

### Bioaccumulative potential

#### Product:

Partition coefficient: n-octanol/water : Remarks: no data available

#### Components:

##### butane :

Partition coefficient: n-octanol/water : Pow: 2.89

### Mobility in soil

no data available

### Other adverse effects

no data available

#### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : no data available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
UN1950, Aerosols, 2.2,



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Transportation Regulation: IMDG (Vessel):  
UN1950, AEROSOLS, 2.2,

Transportation Regulation: IATA (Cargo Air):  
UN1950, Aerosols, non-flammable, 2.2,

Transportation Regulation: IATA (Passenger Air):  
UN1950, Aerosols, non-flammable, 2.2,

Transportation Regulation: TDG (Canada):  
UN1950, AEROSOLS, 2.2,

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

| Components          | CAS-No.  | Component RQ<br>(lbs) | Calculated product RQ<br>(lbs) |
|---------------------|----------|-----------------------|--------------------------------|
| 2,2'-iminodiethanol | 111-42-2 | 100                   | *                              |

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Sudden Release of Pressure Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65** WARNING! This product contains a chemical known to the State of California to cause cancer.

2,2'-iminodiethanol

111-42-2

#### The components of this product are reported in the following inventories:

**TSCA** On TSCA Inventory  
**DSL** This product contains one or several components that are not on the Canadian DSL nor NDSL.  
**AICS** Not in compliance with the inventory  
**NZIoC** Not in compliance with the inventory  
**PICCS** Not in compliance with the inventory  
**IECSC** Not in compliance with the inventory

#### Inventory Acronym and Validity Area Legend:

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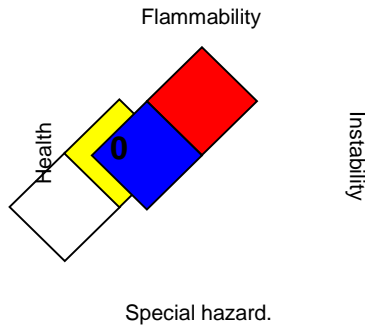
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AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 3 |
| FLAMMABILITY    | 0 |
| PHYSICAL HAZARD | 2 |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA GHS Label Information:

Hazard pictograms



Signal word

: **Warning:**

Hazard statements

: Contains gas under pressure; may explode if heated.

Precautionary statements

:

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

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