

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Date of issue: 02/12/2019

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Version: 2.0

### SECTION 1: Identification

#### 1.1. Identification

Product name : Rug Doctor Professional Outdoor Glass Cleaner Concentrate

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Concentrated glass cleaning formula

#### 1.3. Supplier

##### Manufacturer

Rug Doctor, LLC  
2201 W. Plano Parkway, Ste 100  
Plano, TX 75075  
T 1-800-784-3628  
T

##### Distributor

Easy-Way Ltd  
11-285 Taunton Rd. E. MB049  
Oshawa, ON L1G 3V2

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1 (800) 424-9300

### SECTION 2: Hazards identification

This product is labelled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Health & Safety Administration applicable to this SDS differ from the labelling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin Irrit. 2  
Eye Irrit. 2A

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

Causes skin irritation  
Causes serious eye irritation

Precautionary statements (GHS US) :

Wash hands, forearms and face thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If on skin: Wash with plenty of water  
If skin irritation occurs: Get medical advice/attention.  
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.  
Take off contaminated clothing and wash it before reuse.

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Not applicable

### 3.2. Mixtures

| Name                                     | Product identifier   | %         |
|--|----------------------|-----------|
| Isopropyl alcohol                        | (CAS-No.) 67-63-0    | 1 - 5     |
| 2-Propanol, 1-(2-butoxy-1-methylethoxy)- | (CAS-No.) 29911-28-2 | 1 - 5     |
| Ethylene glycol monohexyl ether          | (CAS-No.) 112-25-4   | 0.5 – 1.5 |
| Morpholine                               | (CAS-No.) 110-91-8   | < 1       |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal.

### 6.4. Reference to other sections

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| 2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2) |                                       |                                   |
|---|---------------------------------------|-----------------------------------|
| Not applicable  |                                       |                                   |
| Ethylene glycol monoethyl ether (112-25-4)            |                                       |                                   |
| Not applicable  |                                       |                                   |
| Morpholine (110-91-8)                                 |                                       |                                   |
| ACGIH   | ACGIH TWA (ppm)                       | 20 ppm                            |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 70 mg/m <sup>3</sup>              |
| OSHA  | OSHA PEL (TWA) (ppm)                  | 20 ppm                            |
| OSHA  | Limit value category (OSHA)           | prevent or reduce skin absorption |
| IDLH  | US IDLH (ppm)                         | 1400 ppm (10% LEL)                |
| NIOSH   | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 70 mg/m <sup>3</sup>              |
| NIOSH   | NIOSH REL (TWA) (ppm)                 | 20 ppm                            |
| NIOSH   | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 105 mg/m <sup>3</sup>             |
| NIOSH   | NIOSH REL (STEL) (ppm)                | 30 ppm                            |
| NIOSH   | US-NIOSH chemical category            | SK: SYS-DIR(COR) Apr 2017         |
| Isopropyl alcohol (67-63-0)                           |                                       |                                   |
| ACGIH   | ACGIH TWA (ppm)                       | 200 ppm                           |
| ACGIH   | ACGIH STEL (ppm)                      | 400 ppm                           |
| OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 980 mg/m <sup>3</sup>             |
| OSHA  | OSHA PEL (TWA) (ppm)                  | 400 ppm                           |
| IDLH  | US IDLH (ppm)                         | 2000 ppm (10% LEL)                |
| NIOSH   | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 980 mg/m <sup>3</sup>             |
| NIOSH   | NIOSH REL (TWA) (ppm)                 | 400 ppm                           |
| NIOSH   | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 1225 mg/m <sup>3</sup>            |
| NIOSH   | NIOSH REL (STEL) (ppm)                | 500 ppm                           |

#### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Hand protection:

Wear suitable gloves resistant to chemical penetration

##### Eye protection:

Wear eye/face protection

##### Skin and body protection:

Wear suitable protective clothing

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                           |
|---|---------------------------|
| Physical state                              | : Liquid                  |
| Appearance                                  | : Clear to slightly hazy. |
| Color                                       | : Blue                    |
| Odor  | : Odourless               |
| Odor threshold                              | : No data available       |
| pH  | : No data available       |
| Melting point                               | : No data available       |
| Freezing point                              | : No data available       |
| Boiling point                               | : No data available       |
| Flash point                                 | : None [COC open]         |
| Relative evaporation rate (butyl acetate=1) | : No data available       |
| Flammability (solid, gas)                   | : Not flammable           |
| Vapor pressure                              | : No data available       |
| Relative vapor density at 20 °C             | : No data available       |
| Relative density                            | : 1.006                   |
| Solubility                                  | : No data available       |
| Partition coefficient n-octanol/water       | : No data available       |
| Auto-ignition temperature                   | : No data available       |
| Decomposition temperature                   | : No data available       |
| Viscosity, kinematic                        | : No data available       |
| Viscosity, dynamic                          | : No data available       |
| Explosion limits                            | : No data available       |
| Explosive properties                        | : No data available       |
| Oxidizing properties                        | : No data available       |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
 Acute toxicity (dermal) : Not classified  
 Acute toxicity (inhalation) : Not classified

| <b>2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)</b> |  |
|--|--|
| LD50 oral rat  | 1620 µl/kg                                   |
| LC50 inhalation rat  | 42.1 ppm/4h                                  |
| ATE US (oral)  | 1620 mg/kg body weight                       |
| ATE US (gases)   | 42.1 ppmV/4h                                 |
| <b>Ethylene glycol monoethyl ether (112-25-4)</b>            |  |
| LD50 oral rat  | 830 mg/kg                                    |
| LD50 dermal rabbit   | 721 mg/kg                                    |
| LC50 inhalation rat  | > 0.5 mg/l/4h                                |
| ATE US (oral)  | 830 mg/kg body weight                        |
| ATE US (dermal)  | 721 mg/kg body weight                        |
| ATE US (dust, mist)  | 0.5 mg/l/4h                                  |
| <b>Morpholine (110-91-8)</b>                                 |  |
| LD50 oral rat  | 1050 mg/kg                                   |
| LD50 dermal rabbit   | 310 - 810 mg/kg                              |
| LC50 inhalation rat  | > 8000 ppm (Exposure time: 8 h)              |
| ATE US (oral)  | 1050 mg/kg body weight                       |
| ATE US (dermal)  | 310 mg/kg body weight                        |
| <b>Isopropyl alcohol (67-63-0)</b>                           |  |
| LD50 oral rat  | 5045 mg/kg                                   |
| LD50 dermal rabbit   | 4059 mg/kg                                   |
| LC50 inhalation rat  | 72600 mg/m <sup>3</sup> (Exposure time: 4 h) |
| ATE US (oral)  | 5045 mg/kg body weight                       |
| ATE US (dermal)  | 4059 mg/kg body weight                       |
| ATE US (vapors)  | 72.6 mg/l/4h                                 |
| ATE US (dust, mist)  | 72.6 mg/l/4h                                 |

Skin corrosion/irritation : Causes skin irritation.  
 Serious eye damage/irritation : Causes serious eye irritation.  
 Respiratory or skin sensitization : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : Not classified

| <b>Morpholine (110-91-8)</b>       |                      |
|------------------------------------|----------------------|
| IARC group                         | 3 - Not classifiable |
| <b>Isopropyl alcohol (67-63-0)</b> |                      |
| IARC group                         | 3 - Not classifiable |

Reproductive toxicity : Not classified  
 Specific target organ toxicity – single exposure : Not classified  
 Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified  
 Viscosity, kinematic : No data available  
 Symptoms/effects after inhalation : May cause irritation to the respiratory tract.  
 Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.  
 Symptoms/effects after eye contact : May cause serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.  
 Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

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Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

| <b>2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)</b> |   |
|--|---|
| LC50 fish 1  | 841 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])        |
| <b>Ethylene glycol monoethyl ether (112-25-4)</b>            |   |
| LC50 fish 1  | 100 - 220 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])    |
| EC50 Daphnia 1   | 150 mg/l (Exposure time: 48 h - Species: Daphnia magna)                       |
| <b>Morpholine (110-91-8)</b>                                 |   |
| LC50 fish 1  | 350 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])        |
| LC50 fish 2  | 375 - 460 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)           |
| <b>Isopropyl alcohol (67-63-0)</b>                           |   |
| LC50 fish 1  | 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1   | 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)                     |
| LC50 fish 2  | 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])      |

#### 12.2. Persistence and degradability

| <b>Rug Doctor Professional Outdoor Glass Cleaner Concentrate</b> |                  |
|--|------------------|
| Persistence and degradability                                    | Not established. |

#### 12.3. Bioaccumulative potential

| <b>Rug Doctor Professional Outdoor Glass Cleaner Concentrate</b> |                  |
|--|------------------|
| Bioaccumulative potential  | Not established. |
| <b>Ethylene glycol monoethyl ether (112-25-4)</b>                |                  |
| Partition coefficient n-octanol/water                            | 1.97 (at 25 °C)  |
| <b>Morpholine (110-91-8)</b>                                     |                  |
| BCF fish 1   | 0.3 - 2.8        |
| Partition coefficient n-octanol/water                            | -2.55 (at 25 °C) |
| <b>Isopropyl alcohol (67-63-0)</b>                               |                  |
| Partition coefficient n-octanol/water                            | 0.05 (at 25 °C)  |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : No other effects known.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

No additional information available

# Rug Doctor Professional Outdoor Glass Cleaner Concentrate

## Safety Data Sheet

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### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

Date of issue : 02/12/2019  
Revision date : 04/10/2023  
Other information : None.  
Prepared by : Rug Doctor LLC.  
[www.rugdoctor.com](http://www.rugdoctor.com)

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