



# Safety Data Sheet

Issue Date: 14-Jan-2013

Revision Date: 11-May-2017

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Buckeye Eco Glass Cleaner HD

### Other means of identification

**SDS #** BE-6012-CA

**Product Code** E/S 6012  
**Synonyms** None

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

**Recommended Use** Concentrated Glass Cleaner, Water Based

**Uses Advised Against** No information available

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

#### Initial Supplier Identifier

The Cleaning House  
973 Barton St. E  
Hamilton, ON L8L 3C4  
905/547-2636

#### United States Supplier Address

Buckeye International, Inc.  
2700 Wagner Place  
Maryland Heights, MO 63043 USA  
1-314-291-1900

### 24 hr Emergency Telephone Numbers

TRANSPORTATION - INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

MEDICAL - 1-651-632-8956 (International) 1-800-303-0441 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear blue liquid

**Physical state** Liquid

**Odour** Ocean surf fragrance

### Classification

|  |            |
|--|------------|
| Specific target organ toxicity (single exposure) | Category 3 |
| Flammable Liquids                                | Category 4 |

### Label Elements

#### Signal word

Warning

#### Hazard statements

May cause drowsiness or dizziness  
Combustible liquid

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapours/spray

Use only outdoors or in a well-ventilated area

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTRE or doctor if you feel unwell

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

| Chemical Name        | CAS No   | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|----------------------|----------|----------|--|---|
| 1-Methoxy-2-propanol | 107-98-2 | 22       | -  | -   |

### 4. FIRST AID MEASURES

**First Aid Measures****General advice**

Provide this SDS to medical personnel for treatment.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Skin contact**

Wash off immediately with plenty of water for at least 15 minutes.

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE/doctor/physician if you feel unwell.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects**

**Symptoms** May cause drowsiness or dizziness. May cause eye and skin irritation.

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

**Note to doctors** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Not determined.

**Specific hazards arising from the chemical** Not determined.

**Hazardous Combustion Products** Carbon oxides. Sulphur oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up with mop, wet/dry vac, or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic. Dispose of contents/container to an approved waste disposal plant.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing and eye/face protection. Keep cool.

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

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children. Store at room temperature.

**Incompatible materials** Do not mix with chlorinated detergents (bleach)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

| Chemical Name                    | Canada - Alberta - Occupational Exposure Limits - Ceilings                                 | Canada - British Columbia - Occupational Exposure Limits - Ceilings | Canada - Ontario - Occupational Exposure Limits - Ceilings | Quebec   |
|----------------------------------|--|---|--|--|
| 1-Methoxy-2-propanol<br>107-98-2 | TWA: 100 ppm<br>TWA: 369 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 553 mg/m <sup>3</sup> | TWA: 50 ppm<br>STEL: 75 ppm   | TWA: 50 ppm<br>STEL: 100 ppm                               | TWA: 100 ppm<br>TWA: 369 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 553 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses or goggles to protect against exposure.

**Skin and body protection** Wear protective gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Clear blue liquid  
**Colour** Blue  
**Odour** Ocean surf fragrance  
**Odour Threshold** No information available

| <u>Property</u>              | <u>Values</u>   | <u>Remarks • Method</u> |
|------------------------------|-----------------|-------------------------|
| pH                           | 7.5 +/- 0.5     |                         |
| Melting Point/Freezing Point | Not determined  |                         |
| Boiling Point/Boiling Range  | 100 °C / 212 °F |                         |

|                                 |                           |             |
|---------------------------------|---------------------------|-------------|
| Flash Point                     | 68.3 °C / 155 °F          |             |
| Evaporation Rate                | 1.0                       | (Water = 1) |
| Flammability (Solid, Gas)       | Liquid- Not Applicable    |             |
| Flammability Limits in Air      |                           |             |
| Upper Flammability Limits       | Not determined            |             |
| Lower Flammability Limit        | Not determined            |             |
| Vapour Pressure                 | Not determined            |             |
| Vapour Density                  | Not determined            |             |
| Relative Density                | 1.00                      |             |
| Water Solubility                | Infinite                  |             |
| Solubility in other solvents    | Not determined            |             |
| Partition Coefficient           | Not determined            |             |
| Auto-ignition Temperature       | Not determined            |             |
| Decomposition Temperature       | Not determined            |             |
| Kinematic Viscosity             | Not determined            |             |
| Dynamic Viscosity               | Not determined            |             |
| Explosive properties            | No information available. |             |
| Oxidising properties            | No information available. |             |
| <b><u>Other Information</u></b> |                           |             |
| Softening Point                 | No information available  |             |
| Molecular weight                | No information available  |             |
| VOC Content (%)                 | No information available  |             |
| Density                         | No information available  |             |
| Bulk Density                    | No information available  |             |

## 10. STABILITY AND REACTIVITY

|                                    |  |
|------------------------------------|--|
| Reactivity                         | Not reactive under normal conditions.            |
| Chemical Stability                 | Stable under recommended storage conditions.     |
| Possibility of Hazardous Reactions | None under normal processing.                    |
| Hazardous Polymerisation           | Hazardous polymerisation does not occur.         |
| Conditions to Avoid                | Heat, flames and sparks.                         |
| Incompatible Materials             | Do not mix with chlorinated detergents (bleach). |
| Hazardous Decomposition Products   | Carbon oxides. Sulphur oxides.                   |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|              |                          |
|--------------|--------------------------|
| Eye contact  | Avoid contact with eyes. |
| Skin contact | Avoid contact with skin. |
| Inhalation   | Do not inhale.           |
| Ingestion    | Do not ingest.           |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

**Numerical measures of toxicity**

Not determined

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**Unknown acute toxicity** No information available

**Component Information**

| Chemical Name                    | Oral LD50            | Dermal LD50          | Inhalation LC50        |
|----------------------------------|----------------------|----------------------|------------------------|
| 1-Methoxy-2-propanol<br>107-98-2 | = 5000 mg/kg ( Rat ) | = 13 g/kg ( Rabbit ) | > 7559 ppm ( Rat ) 6 h |

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

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - single exposure** May cause drowsiness or dizziness.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Chemical Name                    | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea                           |
|----------------------------------|----------------------|--|----------------------------|-------------------------------------|
| 1-Methoxy-2-propanol<br>107-98-2 | -                    | 20.8: 96 h Pimephales promelas g/L LC50 static<br>4600 - 10000: 96 h Leuciscus idus mg/L LC50 static | -                          | 23300: 48 h Daphnia magna mg/L EC50 |

**Persistence/Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** .

| Chemical Name                    | Partition Coefficient |
|----------------------------------|-----------------------|
| 1-Methoxy-2-propanol<br>107-98-2 | -0.437                |

**Other Adverse Effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

#### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

#### 15. REGULATORY INFORMATION

##### REGULATORY INFORMATION

##### International Regulations

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

##### International Inventories

| Chemical Name        | TSCA | DSL/NDSL | EINECS/ELI<br>NCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|----------------------|------|----------|-------------------|---------|-------|---------|-------|------|
| 1-Methoxy-2-propanol | X    | X        | X                 | Present | X     | Present | X     | X    |

##### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                                      |                                    |  |   |
|-------------|--------------------------------------|------------------------------------|--|---|
| <b>NFPA</b> | <b>Health Hazards</b> 0              | <b>Flammability</b> 1              | <b>Instability</b> 0                   | <b>Special Hazards</b> Not determined     |
| <b>HMIS</b> | <b>Health Hazards</b> Not determined | <b>Flammability</b> Not determined | <b>Physical hazards</b> Not determined | <b>Personal Protection</b> Not determined |

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|                    |                                  |
|--------------------|----------------------------------|
| TWA                | TWA (time-weighted average)      |
| STEL               | STEL (Short Term Exposure Limit) |
| Ceiling            | Maximum limit value              |
| *                  | Skin designation                 |
| <b>Issue Date:</b> | 14-Jan-2013                      |

**Revision Date:** 11-May-2017

**Revision Note:** Canadian format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**