



# Kleer Pane Glass Cleaner (RTU)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/15/2015

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : Kleer Pane Glass Cleaner (RTU)  
Product code : 565-4810

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Glass cleaner

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

CSI Group Int'l Inc.-DBA Concrete Services Int'l  
575 Route 73 North, Unit C-4  
West Berlin, NJ 08091  
T (856) 381-0249

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

##### Classification (GHS-US)

Not classified

#### 2.2. Label elements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

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

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name       | Product identifier | %     | Classification (GHS-US)                                      |
|------------|--------------------|-------|--------------------------------------------------------------|
| 2-propanol | (CAS No) 67-63-0   | 1 - 5 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336 |

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

# Kleer Pane Glass Cleaner (RTU)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Kleer Pane Glass Cleaner (RTU) |                                     |                           |
|--------------------------------|-------------------------------------|---------------------------|
| ACGIH                          | Not applicable                      |                           |
| OSHA                           | Not applicable                      |                           |
| 2-propanol (67-63-0)           |                                     |                           |
| ACGIH                          | ACGIH TWA (ppm)                     | 200 ppm                   |
| ACGIH                          | ACGIH STEL (ppm)                    | 200 ppm                   |
| ACGIH                          | Remark (ACGIH)                      | Eye & URT irr; CNS impair |
| OSHA                           | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 980 mg/m <sup>3</sup>     |

# Kleer Pane Glass Cleaner (RTU)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| 2-propanol (67-63-0) |                      |         |
|----------------------|----------------------|---------|
| OSHA                 | OSHA PEL (TWA) (ppm) | 400 ppm |

### 8.2. Exposure controls

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| Personal protective equipment | : Avoid all unnecessary exposure.                                          |
| Hand protection               | : Wear protective gloves/eye protection/face protection protective gloves. |
| Eye protection                | : Chemical goggles or safety glasses.                                      |
| Respiratory protection        | : Wear appropriate mask.                                                   |
| Other information             | : Do not eat, drink or smoke during use.                                   |

## SECTION 9: Physical and chemical properties

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

|                                             |                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------|
| Physical state                              | : Liquid                                                                                    |
| Color                                       | : Blue                                                                                      |
| Odor                                        | : ammonia odor                                                                              |
| Odor threshold                              | : No data available                                                                         |
| pH                                          | : 11                                                                                        |
| Melting point                               | : No data available                                                                         |
| Freezing point                              | : No data available                                                                         |
| Boiling point                               | : 212 - 220 °F                                                                              |
| Flash point                                 | : ≥ 200 °F                                                                                  |
| Relative evaporation rate (butyl acetate=1) | : No data available                                                                         |
| Flammability (solid, gas)                   | : No data available                                                                         |
| Explosion limits                            | : No data available                                                                         |
| Explosive properties                        | : No data available                                                                         |
| Oxidizing properties                        | : No data available                                                                         |
| Vapor pressure                              | : No data available                                                                         |
| Relative density                            | : 1.03                                                                                      |
| Relative vapor density at 20 °C             | : Same as water                                                                             |
| Solubility                                  | : Soluble in water.<br>Water: Solubility in water of component(s) of the mixture :<br>•: •: |
| Log Pow                                     | : No data available                                                                         |
| Log Kow                                     | : No data available                                                                         |
| Auto-ignition temperature                   | : No data available                                                                         |
| Decomposition temperature                   | : No data available                                                                         |
| Viscosity                                   | : No data available                                                                         |
| Viscosity, kinematic                        | : No data available                                                                         |
| Viscosity, dynamic                          | : No data available                                                                         |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

# Kleer Pane Glass Cleaner (RTU)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| 2-propanol (67-63-0)       |                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------|
| LD50 oral rat              | 5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5840 mg/kg bodyweight; Rat) |
| LD50 dermal rabbit         | 12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)       |
| LC50 inhalation rat (mg/l) | 73 mg/l/4h (Rat)                                                                                |
| ATE US (oral)              | 5045.000 mg/kg body weight                                                                      |
| ATE US (dermal)            | 12870.000 mg/kg body weight                                                                     |
| ATE US (vapors)            | 73.000 mg/l/4h                                                                                  |
| ATE US (dust, mist)        | 73.000 mg/l/4h                                                                                  |

Skin corrosion/irritation : Not classified

pH: 11

Serious eye damage/irritation : Not classified

pH: 11

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| 2-propanol (67-63-0) |                      |
|----------------------|----------------------|
| 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

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

| 2-propanol (67-63-0)    |                                                             |
|-------------------------|-------------------------------------------------------------|
| LC50 fish 1             | 4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system) |
| EC50 Daphnia 1          | 10000 mg/l (48 h; Daphnia magna)                            |
| LC50 fish 2             | 9640 mg/l (96 h; Pimephales promelas; Lethal)               |
| EC50 Daphnia 2          | 13299 mg/l (48 h; Daphnia magna)                            |
| Threshold limit algae 1 | > 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)    |
| Threshold limit algae 2 | 1800 mg/l (72 h; Algae; Cell numbers)                       |

### 12.2. Persistence and degradability

| Kleer Pane Glass Cleaner (RTU)  |                                                                                                                                                                        |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability   | Not established.                                                                                                                                                       |
| 2-propanol (67-63-0)            |                                                                                                                                                                        |
| Persistence and degradability   | Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test)data on mobility of the substance available. |
| Biochemical oxygen demand (BOD) | 1.19 g O <sub>2</sub> /g substance                                                                                                                                     |

# Kleer Pane Glass Cleaner (RTU)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| 2-propanol (67-63-0)         |                                    |
|------------------------------|------------------------------------|
| Chemical oxygen demand (COD) | 2.23 g O <sub>2</sub> /g substance |
| ThOD                         | 2.40 g O <sub>2</sub> /g substance |
| BOD (% of ThOD)              | 0.49 % ThOD                        |

### 12.3. Bioaccumulative potential

| Kleer Pane Glass Cleaner (RTU) |                  |
|--------------------------------|------------------|
| Bioaccumulative potential      | Not established. |

  

| 2-propanol (67-63-0)      |                                                  |
|---------------------------|--------------------------------------------------|
| Log Pow                   | 0.05 (Experimental value)                        |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

### 12.4. Mobility in soil

| 2-propanol (67-63-0) |                   |
|----------------------|-------------------|
| Surface tension      | 0.021 N/m (25 °C) |

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

| 2-propanol (67-63-0)                                                      |  |
|---------------------------------------------------------------------------|--|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| Listed on United States SARA Section 313                                  |  |

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

# Kleer Pane Glass Cleaner (RTU)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

### National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Revision date : 04/15/2015

Other information : None.

Full text of H-phrases:

|               |                                                             |
|---------------|-------------------------------------------------------------|
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A               |
| Flam. Liq. 2  | Flammable liquids Category 2                                |
| STOT SE 3     | Specific target organ toxicity (single exposure) Category 3 |
| H225          | Highly flammable liquid and vapor                           |
| H319          | Causes serious eye irritation                               |
| H336          | May cause drowsiness or dizziness                           |

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection : B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*