

# SAFETY DATA SHEET

## PROSOCO, Inc.



Issue Date 20-Jan-2015

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Version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product identifier

**Product Name** Sure Klean® Fireplace Cleaner

#### Other means of identification

**Product Code** 60082  
**UN/ID No** UN1993

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

**Recommended Use** Restricted to professional users.  
**Uses advised against** No information available

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

**Manufacturer Address**  
PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, Kansas 66046

#### Emergency telephone number

**8:00 AM – 5:00 PM CST Monday-Friday** 785-865-4200  
**NON-BUSINESS HOURS (INFOTRAC)** 800-535-5053

### 2. HAZARDS IDENTIFICATION

#### Classification

|                                   |            |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 2 |
| Flammable liquids                 | Category 3 |

#### Label elements

#### Emergency Overview

#### Warning

#### Hazard statements

Causes serious eye irritation  
Flammable liquid and vapor



**Appearance** clear

**Physical state** Liquid

**Odor** Mild Ether

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/ /equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

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  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- Causes mild skin irritation
- 1.2683% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                   | CAS No      | Weight-% | Trade Secret |
|---------------------------------|-------------|----------|--------------|
| Water                           | 7732-18-5   | 60 - 100 | *            |
| Phosphate Compound              | Proprietary | 1 - 5    | *            |
| Phosphate Compound              | Proprietary | 1 - 5    | *            |
| Ethylene glycol monobutyl ether | 111-76-2    | 1 - 5    | *            |
| Isopropyl Alcohol               | 67-63-0     | 1 - 5    | *            |

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

### 4. FIRST AID MEASURES

**First aid measures****General advice**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Eye contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact**

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

**Inhalation**

Move to fresh air in case of accidental inhalation of vapors or decomposition products. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider** Remove all sources of ignition. Use personal protective equipment as required.

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

**Symptoms** Causes serious eye irritation. Mild skin irritant.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). Alcohol resistant foam.

**Unsuitable Extinguishing Media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Do not allow into any sewer, on the ground or into any body of water. Prevent further leakage or spillage if safe to do so. 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. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges. Use only non-sparking tools.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** All equipment used when handling the product must be grounded. Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

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

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep away from heat. Keep out of the reach of children.

**Incompatible materials** Acids. Strong oxidizing agents. Aldehydes. Halogens.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name                               | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH  |
|---|-------------------------------|---|---|
| Ethylene glycol monobutyl ether<br>111-76-2 | TWA: 20 ppm                   | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S*  | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup>  |
| Isopropyl Alcohol<br>67-63-0                | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Take precautionary measures against static discharges. Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

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

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                     |                          |                         |                          |
|-------------------------------------|--------------------------|-------------------------|--------------------------|
| <b>Physical state</b>               | Liquid                   | <b>Odor</b>             | Mild Ether               |
| <b>Appearance</b>                   | clear                    | <b>Odor threshold</b>   | No information available |
| <b>Color</b>                        | colorless                |                         |                          |
| <b>Property</b>                     | <b>Values</b>            | <b>Remarks • Method</b> |                          |
| <b>pH</b>                           | 9.4                      |                         |                          |
| <b>Melting point/freezing point</b> | -4 °C / 25 °F            |                         |                          |
| <b>Boiling point/boiling range</b>  | No information available |                         |                          |
| <b>Flash point</b>                  | 53 °C / 127 °F           |                         |                          |
| <b>Evaporation rate</b>             | No information available |                         |                          |
| <b>Flammability (solid, gas)</b>    | No information available |                         |                          |
| <b>Flammability Limits in Air</b>   |                          |                         |                          |
| <b>Upper flammability limits</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>             | 1.094                    |                         |                          |
| <b>Water solubility</b>             | completely soluble       |                         |                          |
| <b>Solubility in other solvents</b> | No information available |                         |                          |
| <b>Partition coefficient</b>        | No information available |                         |                          |
| <b>Autoignition temperature</b>     | No information available |                         |                          |
| <b>Decomposition temperature</b>    | No information available |                         |                          |
| <b>Kinematic viscosity</b>          | No information available |                         |                          |
| <b>Dynamic viscosity</b>            | No information available |                         |                          |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Acids. Strong oxidizing agents. Aldehydes. Halogens.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | Causes serious eye irritation Mild skin irritant |
| <b>Inhalation</b>          | Avoid breathing vapors or mists.                 |
| <b>Eye contact</b>         | Causes serious eye irritation.                   |

|                     |   |
|---------------------|---|
| <b>Skin Contact</b> | Irritating to skin.                                   |
| <b>Ingestion</b>    | Do not taste or swallow. May be harmful if swallowed. |

**Component Information**

| Chemical Name                               | Oral LD50            | Dermal LD50                                    | Inhalation LC50                               |
|---|----------------------|--|---|
| Water<br>7732-18-5                          | > 90 mL/kg ( Rat )   | -  | -   |
| Phosphate Compound                          | -                    | > 4640 mg/kg ( Rabbit )                        | -   |
| Phosphate Compound                          | = 3100 mg/kg ( Rat ) | > 7940 mg/kg ( Rabbit )                        | -   |
| Ethylene glycol monobutyl ether<br>111-76-2 | = 470 mg/kg ( Rat )  | = 2270 mg/kg ( Rat ) = 220 mg/kg ( Rabbit )    | = 2.21 mg/L ( Rat ) 4 h = 450 ppm ( Rat ) 4 h |
| Isopropyl Alcohol<br>67-63-0                | = 4396 mg/kg ( Rat ) | = 12800 mg/kg ( Rat ) = 12870 mg/kg ( Rabbit ) | = 72.6 mg/L ( Rat ) 4 h                       |

**Information on toxicological effects**

**Symptoms** Causes serious eye irritation. Mild skin irritant.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                               | ACGIH | IARC    | NTP | OSHA |
|---|-------|---------|-----|------|
| Ethylene glycol monobutyl ether<br>111-76-2 | A3    | Group 3 | -   | -    |

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Not classifiable as a human carcinogen*

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic toxicity** May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.  
**Target Organ Effects** blood, central nervous system, Eyes, Hematopoietic System, kidney, liver, Respiratory system, Skin.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 1.2683% of the mixture consists of ingredient(s) of unknown toxicity

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

|                                      |                  |
|--------------------------------------|------------------|
| <b>ATEmix (oral)</b>                 | 8059 mg/kg       |
| <b>ATEmix (dermal)</b>               | 17270 mg/kg mg/l |
| <b>ATEmix (inhalation-dust/mist)</b> | 49.6 mg/l        |
| <b>ATEmix (inhalation-vapor)</b>     | 49.5 mg/l        |

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------|----------------------|------|----------------------------|-----------|
|               |                      |      |                            |           |

|   |  |  |   |   |
|---|--|--|---|---|
| Phosphate Compound                          | -  | 100: 96 h Oncorhynchus mykiss mg/L LC50  | - | 100: 48 h water flea mg/L EC50  |
| Phosphate Compound                          | -  | 1650: 48 h Leuciscus idus mg/L LC50  | - | -   |
| Ethylene glycol monobutyl ether<br>111-76-2 | -  | 1490: 96 h Lepomis macrochirus mg/L LC50 static<br>2950: 96 h Lepomis macrochirus mg/L LC50  | - | 1698 - 1940: 24 h Daphnia magna mg/L EC50<br>1000: 48 h Daphnia magna mg/L EC50 |
| Isopropyl Alcohol<br>67-63-0                | 1000: 96 h Desmodesmus subspicatus mg/L EC50<br>1000: 72 h Desmodesmus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through<br>11130: 96 h Pimephales promelas mg/L LC50 static<br>1400000: 96 h Lepomis macrochirus µg/L LC50 | - | 13299: 48 h Daphnia magna mg/L EC50   |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                               | Partition coefficient |
|---|-----------------------|
| Ethylene glycol monobutyl ether<br>111-76-2 | 0.81                  |
| Isopropyl Alcohol<br>67-63-0                | 0.05                  |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**US EPA Waste Number**

D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. TRANSPORT INFORMATION**

**DOT**

**UN/ID No**

Not regulated (If shipped in NON BULK packaging by ground transport)

**Proper shipping name**

UN1993

**Hazard Class**

Flammable liquids, n.o.s., (Isopropyl alcohol)

**Packing Group**

3

III

**IATA**

**UN/ID No**

UN1993

**Proper shipping name** Flammable liquids, n.o.s., (Isopropyl alcohol)  
**Hazard Class** 3  
**Packing Group** III

**IMDG**

**UN/ID No** UN1993  
**Proper shipping name** Flammable liquids, n.o.s., (Isopropyl alcohol)  
**Hazard Class** 3  
**Packing Group** III

## 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend:**

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

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

**US Federal Regulations****SARA 313**

Section 313 of 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-% | SARA 313 - Threshold Values % |
|--|----------|----------|-------------------------------|
| Ethylene glycol monobutyl ether - 111-76-2 | 111-76-2 | 1 - 5    | 1.0                           |
| Isopropyl Alcohol - 67-63-0                | 67-63-0  | 1 - 5    | 1.0                           |

**SARA 311/312 Hazard Categories**

**Acute health hazard** Yes  
**Chronic Health Hazard** No  
**Fire hazard** Yes  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------|------------|---------------|--------------|
|               |            |               |              |



|   |   |   |   |
|---|---|---|---|
| Ethylene glycol monobutyl ether<br>111-76-2 | X | X | X |
| Isopropyl Alcohol<br>67-63-0                | X | X | X |

**16. OTHER INFORMATION**

|             |                   |                |                    |                                    |
|-------------|-------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 2  | Flammability 2 | Instability 0      | Physical and Chemical Properties - |
| <b>HMIS</b> | Health hazards 2* | Flammability 2 | Physical hazards 0 | Personal protection X              |

Prepared By Regulatory Department  
 Issue Date 20-Jan-2015  
 Revision Date 20-Jan-2015

Revision Note  
 No information available

**Disclaimer**  
 The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**End of Safety Data Sheet**