

# MATERIAL SAFETY DATA SHEET



PROSOCO, Inc.

## I PRODUCT IDENTIFICATION

**MANUFACTURER'S NAME  
AND ADDRESS:**

PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, Kansas 66046

**EMERGENCY TELEPHONE NUMBERS:**

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

**PRODUCT TRADE NAME:**

Sure Klean<sup>®</sup> Smoke Remover

## II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Sodium Hydroxide	(Caustic Soda)	1310-73-2	3,0,1,-	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Sodium Phosphate, Tribasic	(Trisodium Phosphate)	7601-54-9	Unknown	Not Listed	Not Listed

## III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air=1)	EVAPORATION RATE (1=Butyl Acetate)
Sodium Hydroxide	2534	42 @ 1830°F	Unknown	Unknown
Sodium Phosphate, Tribasic	2732	Unknown	Unknown	Unknown

  

	SPECIFIC GRAVITY	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Smoke Remover	1.963	98%	Light color powder, caustic odor

## IV FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD):** Not applicable.

**FLAMMABLE LIMITS:** Not applicable.

**EXTINGUISHING MEDIA:** Not applicable.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use NIOSH/MSHA approved self-contained breathing apparatus where this material is involved in a fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Can react with metals such as aluminum, magnesium, copper, zinc, tin, brass or bronze, which will generate hydrogen gas which is flammable and/or explosive if ignited.

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## **V HEALTH HAZARD DATA**

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**PRIMARY ROUTES OF EXPOSURE:** Eyes, skin, inhalation, ingestion.

**CARCINOGEN INFORMATION:** Not listed (OSHA, IARC, NTP).

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** No applicable information found.

**EFFECTS OF OVEREXPOSURE:** Corrosion of exposed tissues resulting in burns and frequently deep ulcerations.

**EYE CONTACT:** Can cause severe damage and even blindness very rapidly. Small quantities can result in permanent damage and/or loss of vision.

**SKIN CONTACT:** Causes severe burns, possible deep ulceration and scarring. Prolonged contact destroys tissue. Can cause irritant dermatitis.

**INHALATION:** Dusts are very irritating to upper respiratory tract. Can cause tissue damage to upper respiratory tract. Can cause pneumoconiosis, including fibrosis.

**INGESTION:** Results in severe damage to mucous membranes and deep tissues; can result in death on penetration to vital areas.

### **EMERGENCY AND FIRST AID PROCEDURES:**

**EYE CONTACT:** Immediately flush exposed area with water for at least 30 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Get immediate medical attention. If physician is not immediately available, continue flushing with water. **Do not use chemical antidote.**

**SKIN CONTACT:** Immediately flush exposed area with water for at least 30 minutes. Get medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse. Discard contaminated shoes.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

**INGESTION:** **DO NOT INDUCE VOMITING!** Dilute by giving large amounts of water or milk if immediately available. Give milk of magnesia. If person is unconscious, do not give anything by mouth. Get medical attention immediately.

### **NOTE TO PHYSICIAN:**

**EYES:** May cause severe corneal injury or burn. May cause impairment of vision. Stain for evidence of corneal injury. If cornea is burned, instill antibiotic steroid preparation frequently. Consult ophthalmologist.

**SKIN:** May cause severe burn. If burn is present, treat as any thermal burn.

**RESPIRATORY:** May cause severe irritation. Administer oxygen if available. Bronchodilator, expectorants, and antitussives may be of help. (Tracheal and/or esophagoscopy control.)

**GENERAL:** Consult standard literature. Treatment should be based on the sound judgment of the physician and the individual reactions of the patient.

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## VI REACTIVITY DATA

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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Strong acids.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Organic materials, concentrated acids, metals such as aluminum, magnesium, zinc, tin, chromium, brass, bronze, or copper. Food, sugars, leather, wool and polyunsaturated liquids.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Contact with reactive metals will generate hydrogen gas which is flammable and/or explosive. Contact with various food sugars may form carbon monoxide.

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## VII SPILL OR LEAK PROCEDURES

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**SPILL, LEAK AND WASTE DISPOSAL PROCEDURES:** Wear appropriate NIOSH/MSHA approved full face piece respirator and other protective safety equipment. Dike area to contain the spill. Remove as much of the spill as possible. Dilute the remainder with large amounts of water, then neutralize with dilute acid. Use vacuum truck to pick up neutralized residual material for disposal. After all visible traces have been removed, flush the area with large amounts of water.

**WASTE DISPOSAL METHODS:** Dispose of in a manner approved for this material or in an approved hazardous waste facility. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures.

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## VIII SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** NIOSH/MSHA approved respiratory protection required in the absence of proper environmental control. Respiratory protection program must be in accordance with 29 CFR 1910.134 (see your safety equipment supplier).

**VENTILATION:** Sufficient to maintain airborne concentrations below the Threshold Limit Values TLV(s).

**PROTECTIVE CLOTHING:** Wear protective clothing such as rubber boots, PVC clothing, and plastic headgear as required to prevent skin contact.

**PROTECTIVE GLOVES:** Alkali-resistant such as nitrile rubber, neoprene rubber, natural rubber, or PVC.

**EYE PROTECTION:** Close fitting chemical safety goggles and full face shield. Do not wear contact lenses because they may contribute to the severity of an eye injury.

**OTHER PROTECTIVE EQUIPMENT:** Safety shower and eyewash. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.133 and 29 CFR 1910.132.

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## IX SPECIAL PRECAUTIONS

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wear appropriate safety equipment and clothing. Do not get in eyes, on skin, or on clothing. Do not take internally. Avoid breathing dust. Store in a cool, dry, well-ventilated place. Separate from acids, explosives, organic peroxides, and easily ignitable materials. Keep containers tightly closed when not dispensing product. Use care around spilled material because it will be slippery. Never touch eyes or face with hands or gloves that may be contaminated with this product. Treat empty containers as if they were full.

**OTHER PRECAUTIONS:** Do not get in eyes, on skin or on clothing. Can cause severe injury or blindness. Do not breathe mist. Do not take internally. Wash thoroughly after handling. Do not eat, drink, or smoke in work areas.

**Comments:** Hazardous carbon monoxide gas can form upon contact with food and beverage products in enclosed vessels and can cause death.

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### 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.

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