

# MATERIAL SAFETY DATA SHEET

PROSOCO, Inc.

## I PRODUCT IDENTIFICATION

**MANUFACTURER'S NAME AND ADDRESS:** PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, KS 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:** Enviro Klean<sup>®</sup> Degreaser

## II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Alcohol ethoxylates	Alcohol ethoxylates	Proprietary	1,2,0,-	Not established	Not established
Amphoteric surfactant	Amphoteric surfactant	Proprietary	1,0,0,-	Not established	Not established
Dibasic esters	Dibasic esters	Mixture	1,1,0,-	Not established	Not established

## III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Alcohol Ethoxylates	> 200 °F	< 0.1 (@ 100°F)	Not available	Not applicable
Dibasic esters	410-437 °F	0.02-0.04 (@20°C)	Not established	< 0.005
	SPECIFIC GRAVITY	pH	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Enviro Klean <sup>®</sup> Degreaser	1.02	8.0 – 9.0	100%	Clear amber liquid, mild odor

## IV FIRE AND EXPLOSION HAZARD DATA

### EMERGENCY OVERVIEW

Enviro Klean<sup>®</sup> Degreaser is a clear amber liquid with a mild odor. It is supplied as a concentrate designed for field dilution. Contact with the eyes or skin may result in irritation. Always wear appropriate personal protective equipment when using this product.

**FLASH POINT (METHOD):** > 212° F (ASTM 3278)

**FLAMMABLE LIMITS:** Not applicable.

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical, or CO<sub>2</sub>

**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should be equipped with self-contained breathing apparatus and turn-out gear.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** There are no known unusual fire or explosion hazards.

## V HEALTH HAZARD DATA

**PRIMARY ROUTES OF EXPOSURE:** Eye and skin contact, as well as ingestion.

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

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Pre-existing skin and eye disorders may be aggravated by exposure to this product.

**EFFECTS OF OVER EXPOSURE: Acute:** Concentrate or prepared solution contact with eyes may cause irritation. Contact with skin and upper respiratory tract may result in irritation. Ingestion may result in gastric disturbances.

**EYE CONTACT:** May irritate eyes, producing redness and swelling of the conjunctiva.

**SKIN CONTACT:** This product may cause skin irritation.

**INHALATION:** Mists may be irritating to upper respiratory tract, although this is not expected to be a relevant route of exposure.

**INGESTION:** May cause gastric disturbance.

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

**EYE CONTACT:** Immediately flush exposed area with water, 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.

**SKIN CONTACT:** Immediately flush exposed area with water. If irritation persists, get medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse.

**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 give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and seek immediate medical assistance. If vomiting occurs, keep victim's head below hips to prevent aspiration.

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#### **VI REACTIVITY DATA**

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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Extreme heat.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and strong oxidizing agents.

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Carbon monoxide and other unidentified organic compounds may be formed during combustion.

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#### **VII SPILL OR LEAK PROCEDURES**

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**SPILL, LEAK, WASTE DISPOSAL PROCEDURES: CAUTION:** Wear appropriate protective safety equipment to prevent skin and eye contact. Dike area to contain spilled material and use inert absorbent or a wet-vac to pick up material for disposal. Flush the area with large amounts of water.

**WASTE DISPOSAL METHODS:** The chemicals in this product are classified as readily biodegradable. Based on Federal EPA solid waste definitions and waste water pretreatment guidelines, rinse water generated during the use of this material can be disposed of to sanitary sewer systems in most regions subject to local treatment plant requirements. Rinse water residuals will degrade rapidly in the open environment. The product as supplied is not classified as a hazardous waste under federal regulations. 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:** No special protection required during typical use conditions. If product mist is present, we recommend use of a dust/mist respirator to avoid irritant effect to lungs and upper respiratory tract.

**VENTILATION:** Normal building ventilation. Use cross-ventilation in closed spaces.

**PROTECTIVE CLOTHING:** Wear protective clothing and rubber boots as necessary to minimize contact.

**PROTECTIVE GLOVES:** Natural rubber or PVC as necessary to avoid prolonged skin contact.

**EYE PROTECTION:** Safety glasses with side shields are appropriate for most application conditions. Use chemical safety goggles or a face shield as deemed necessary after jobsite hazard analysis. Do not wear contact lenses because they may contribute to the severity of an eye injury.

**OTHER PROTECTIVE EQUIPMENT:** An eyewash should be readily available in areas where concentrates are handled. Access to a safety shower or drench hose is recommended.

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**IX SPECIAL PRECAUTIONS**

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**WORK PRACTICES:** Selection of personal protective equipment should be based on hazard analysis for handling and application procedures in typical jobsite settings. Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-target surfaces. Test all surfaces that may come in contact with product or rinse water to determine compatibility. Rinse off unintentional over spray with large quantities of clean water. Do not atomize during application. Beware of wind drift. Always follow published application rates. See the Product Data sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be discouraged during the use of this product. Wash hands before breaks and at the end of a shift.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry, well-ventilated place. Keep containers closed when not dispensing product.

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**X REGULATORY INFORMATION**

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**SHIPPING:** This product is classified as non-hazardous in all shipping modes.

**SARA 313 REPORTABLE:**

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
Contains no listed ingredients		

**CALIFORNIA PROPOSITION 65:** This product contains no chemicals known to the state of California to cause cancer.

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**XI OTHER**

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**MSDS Status:**           **Date of Revision:** December 20, 2012  
**For Product Manufactured After:** December 20, 2012  
**Changes:** Formulation change  
**Item #:** 41060  
**Approved By:** Regulatory Department

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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.

**DATE OF PREPARATION:** December 20, 2012