

# MATERIAL SAFETY DATA SHEET



## 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:** Stand Off<sup>®</sup> Heavy Duty Detergent

## II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Phosphate Compound	*	*	2,0,0,-	Not listed	Not listed
Amine	*	*	Unknown	Not listed	Not listed
Acetate Compound	*	*	1,0,0,-	No data.	No data.

\* Specific chemical identity and percentage contents withheld as trade secret pursuant to OSHA regulations.

## III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Phosphate Compound	N/A	N/A	N/A	N/A
Amine	644°F	<.01 (68 °F)	5.14	<1.0
Acetate Compound	N/A	N/A	N/A	N/A

	SPECIFIC GRAVITY	pH	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Stand Off <sup>®</sup> Heavy Duty Detergent*	1.20	10.5	Complete	Green, semi-gel liquid

\*Typical

## IV FIRE AND EXPLOSION HAZARD DATA

### EMERGENCY OVERVIEW

Stand Off<sup>®</sup> Heavy Duty Detergent is a green, semi-gel liquid. 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 determined.

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Not considered to be a fire hazard.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** During a fire, smoke may contain original product material as well as unidentified toxic and/or irritating compounds.

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## V HEALTH HAZARD DATA

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**PRIMARY ROUTES OF EXPOSURE:** Skin, eyes, ingestion.

**CARCINOGEN INFORMATION:** No components in this product are known or are anticipated to be carcinogenic or mutagenic according to OSHA, IARC or NTP.

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

**EFFECTS OF OVEREXPOSURE:** May cause moderate eye irritation and slight skin irritation. Swallowing may cause burn to the gastrointestinal tract.

**EYE CONTACT:** May cause moderate eye irritation and redness.

**SKIN CONTACT:** Prolonged and repeated exposure may cause skin irritation and redness.

**INHALATION:** Mists may be irritating to upper respiratory tract.

**INGESTION:** Large oral doses may cause irritation to the gastrointestinal tract.

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

**EYE CONTACT:** Immediately flush exposed area with water for at least 15 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 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing. Launder contaminated clothing before reuse.

**INHALATION:** If irritation is noted, remove from areas with product mists. Get medical attention if respiratory irritation persists.

**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.

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## VI REACTIVITY DATA

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**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Extreme heat.

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

**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:** Can produce carbon monoxide, carbon dioxide, and nitrogen oxides.

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## VII SPILL OR LEAK PROCEDURES

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**SPILL, LEAK, WASTE DISPOSAL PROCEDURES:** Wear appropriate safety equipment. Contain spill to prevent migration to drains. Absorb or pick up with an industrial duty wet-vacuum. 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. This product is not classified as a hazardous waste under USEPA regulations. Rinse waters generated during use should have a pH acceptable for discharge to a sanitary sewer with permission of the receiving treatment plant operators. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures. For additional information regarding handling and disposal of rinse-water, please review Technical Bulletin 200-CW "Controlled Handling of Cleaning Wastewater". Rinse empty container before disposal in a sanitary landfill.

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## VIII SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** When mists are present, a NIOSH approved dust/mist respirator is recommended to prevent unnecessary respiratory contact.

**VENTILATION:** Sufficient to minimize airborne mists.

**PROTECTIVE CLOTHING:** Wear protective clothing as necessary to prevent prolonged skin contact or if skin is sensitive.

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

**EYE PROTECTION:** Close fitting chemical safety goggles or full-face shield recommended when doing large applications or where mists are present. Safety glasses with side shields may be appropriate in small-scale application. Do not wear contact lenses because they may contribute to the severity of an eye injury.

**OTHER PROTECTIVE EQUIPMENT:** Access to an eyewash is recommended. Provide clean water for body washing. 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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**WORK PRACTICES:** Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-masonry surfaces. Beware of wind drift. 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:** Wear appropriate safety equipment and clothing. Do not get in eyes, on skin, or on clothing. Do not take internally. Avoid breathing mist. Store in a cool, dry, well-ventilated place. Separate from acids, explosives, organic peroxides, and easily ignitable materials.

Never touch eyes or face with hands or gloves that may be contaminated with this product.

Keep container tightly closed when not dispensing product. Use care around spilled material because it will be slippery. Treat empty containers as if they were full.

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

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## X REGULATORY INFORMATION

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**REGULATORY STATUS OF PHOSPHATE COMPOUNDS:** Phosphate compounds are regulated in some regions because of the potential for excess stimulation of plant life in natural waters that can cause adverse conditions for aquatic creatures. Generally, phosphate restrictions are set specifically for a range of consumer products while industrial and commercial applications are not regulated. Check with local agencies to determine local restrictions, if any, for your type of application.

**SHIPPING:** Not regulated in domestic or international shipment.

**NATIONAL MOTOR FREIGHT CLASSIFICATION:** NMFC #: 48580 sub 3      Class Rate: 55

**SARA 313 REPORTABLE:**

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
NA		

**CALIFORNIA PROPOSITION 65:**      Contains no chemicals listed under California's Proposition 65.

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**XI OTHER**

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**MSDS Status:**           **Date of Revision:** May 5, 2005  
**For Product Manufactured After:** August 1, 2005  
**Changes:** Updated appearance and odor.  
**Item #:** 55010  
**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:**           August 1, 2005