

# MATERIAL SAFETY DATA SHEET

**BIRCHWOOD CASEY®**  
**PRESTO PREP P2 SURFACE CONDITIONER**

Page 1 of 4  
DATE REVISED: 6/1/10  
REVISION MSDS NO. 8801-04

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **PRESTO PREP P2 SURFACE CONDITIONER**

PRODUCT PART NUMBERS: 880151, 880158

MANUFACTURED BY: BIRCHWOOD LABORATORIES, INCORPORATED

7900 Fuller Road

Eden Prairie, MN 55344 USA

Product Information Telephone Number: (952) 937-7900 (8:00-4:00pm CST)

Fax Number: (952) 937-7979

[www.birchwoodcasey.com](http://www.birchwoodcasey.com)

**24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA**  
**703-527-3887 INTERNATIONAL (Collect)**

**24 HOUR POISON CONTROL EMERGENCY NUMBER: 866-291-7152 U.S. & CANADA**

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## 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **DANGER! Corrosive.** May be harmful if swallowed, absorbed through skin, or inhaled. Causes severe burns to eyes and skin.

APPEARANCE/ODOR: Light amber liquid, mild odor.

EYE CONTACT: Severe or permanent eye damage.

SKIN CONTACT: Severe irritation and possible burns. May be absorbed through skin and cause adverse effects to bones.

INGESTION: Severe burns of mouth, throat and stomach.

INHALATION: If sprayed, severe irritation of respiratory tract and mucous membranes; coughing, difficulty breathing.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS #	Weight %	OSHA PEL* TWA	OSHA PEL STEL/C	ACGIH TLV TWA	ACGIH TLV STEL/C
Phosphoric Acid	7664-38-2	25	1 mg/m <sup>3</sup>	NE	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup> -STEL
Fluosilic Acid	16961-83-4	2	2.5 mg/m <sup>3</sup> **	NE	2.5 mg/m <sup>3</sup> **	NE
Dodecylbenzenesulfonic Acid	68584-22-5	8	NE	NE	NE	NE
Sodium m-Nitrobenzenesulfonic Acid	127-68-4	2	NE	NE	NE	NE
Monoethanolamine	141-43-5	20	6 mg/m <sup>3</sup>	NE	7.5 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> -STEL
Water	7332-18-5	43	NE	NE	NE	NE

TWA – Time-weighted Average STEL – Short-term exposure limit C – Ceiling

(skin) – skin designation means that harmful amounts may be absorbed through the skin

\* Certain States enforce PELs that were in place in 1989, but were later removed by the U.S. Supreme Court. Check with your State OSHA to determine which PEL is enforced in your State. \*\* As Flourides

NE = not established NA = not applicable NDA = no data available

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: > 212°F  
VAPOR PRESSURE: NDA  
VAPOR DENSITY: (Air = 1): < 1  
SOLUBILITY IN WATER: Complete  
APPEARANCE: Amber liquid

SPECIFIC GRAVITY: (Water = 1): 1.15-1.21  
VOLATILE BY VOLUME: NA  
EVAPORATION RATE: (Ethyl Ether = 1): > 1  
pH: 4.0 – 4.5  
ODOR: mild odor

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**10. STABILITY AND REACTIVITY**

STABILITY: Stable.

CONDITIONS TO AVOID: NDA

INCOMPATIBILITY (materials to avoid): Cyanides, water-reactive substances, chlorinated cleaners or sanitizers, metals such as aluminum, zinc and magnesium. May generate heat or form flammable gases when mixed with a wide variety of substances.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with metals such as aluminum and zinc may produce hydrogen gas. Thermal decomposition may produce phosphoric, nitrogen, carbon or sulfur oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

There is no product based toxicological information for this product. Toxicology information is provided based on individual ingredients.

LD<sub>50</sub>, oral, rat: 1530 mg/kg (phosphoric acid), 1720 mg/kg (monoethanolamine), 890 mg/kg (Dodecylbenzenesulfonic Acid)

TARGET ORGANS: Eyes, skin, lungs (corrosive), bones.

Medical conditions that may be aggravated by exposure: Pre-existing skin, eye or respiratory disorders.

Carcinogenicity: IARC: None    NTP: None    OSHA: None

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**12. ECOLOGICAL INFORMATION**

ECOTOXICITY: Phosphates may persist indefinitely if released into groundwater.

ENVIRONMENTAL FATE: NDA

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**13. DISPOSAL CONSIDERATIONS**

This product exhibits the characteristic of corrosivity (EPA Hazardous Waste Number D0002). Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be dealt with by a licensed facility or waste hauler.

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#### **14. TRANSPORT INFORMATION**

##### **D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:**

Corrosive Liquid, N.O.S. (Phosphoric Acid, Aryl Sulfonic Acids) 8 / UN3264 / P.G. III Exceptions: 49CFR 173.154

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#### **15. REGULATORY INFORMATION**

TSCA (TOXIC SUBSTANCES CONTROL ACT): the materials in this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Reportable Quantity = 5,000 lb. (phosphoric acid), 1000 lbs. (Ammonium Fluosilicate); 1000 lbs. (Dodecylbenzene Sulfonic Acid)

SARA TITLE III (Superfund Amendments and Authorization Act):

Section 311/312:

Immediate Health Effects: Yes

Delayed Health Effects: no

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Section 313 Reportable Ingredients: Phosphoric Acid - However, since it is present in this product as the monoethanol ammonium salt, and since salts of phosphoric acid are not covered by Section 313, technically this product contains no Section 313 reportables.

STATE "RIGHT-TO-KNOW": This product may contain components cited on certain state lists. Consult with your individual State regarding this product's components.

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#### **16. OTHER INFORMATION**

National Fire Protection Association (NFPA): Health: 3 Flammability: 0 Reactivity: 1

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

**NOTE:** The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Birchwood Laboratories, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period. Accordingly, Birchwood Laboratories, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information. **NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER TO WHICH THE INFORMATION REFERS.** The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

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#### **FOR ASSISTANCE WITH PLACING ORDERS:**

- Product Pricing / Payment Terms
- Shipping and Tracing of Shipments
- Sales Rep Locations

Call our Sales Department (952) 937-7931

Or 1-800-328-6156 or Fax (952) 937-7979

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#### **FOR PRODUCT USAGE ASSISTANCE**

- Questions on Operation of Products
- Solving Finishing Problems
- Operator Safety and Pollution Control

Call our Customer Service Desk Department (952) 937-7931

Or 1-800-328-6156 or Fax (952) 937-7979