

MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Field Clean
Company: Pace International, LLC
Address: Office Manufacturing / Distribution
1201 3rd Avenue, Suite 5450 5661 Branch Road
Seattle, WA 98101 Wapato, WA 98951
Emergency Phone Number: 800.424.9300 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

CAS #	Component	%	Exposure Limits
1310-58-3	potassium hydroxide	< 10	2 mg/m ³ (ceiling)
7758-29-4	sodium tripolyphosphate	< 10	Not established

Other Components

proprietary

3. HAZARDS IDENTIFICATION

May cause eye and skin burns. Avoid contact with eyes, skin or clothing.

4. FIRST AID MEASURES

If on Skin: Take off contaminated clothing. Wash skin immediately with plenty of water. If redness, burning, or irritation develops, get medical attention.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless instructed to by poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable. Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire exposed containers cool.

Special Exposure Hazards: None known.

Special Protective Equipment for Firefighters: Wear self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8 for personal protection measures.

Methods for Cleaning Up: Dilute small spills with water and flush to sewer. Larger spills should be soaked up with absorbent material and placed into appropriate containers for disposal.

7. HANDLING & STORAGE

Handling: Good standards of hygiene should be maintained at all times. For personal protection measures, see section 8.



Storage: Store in a cool, dry area at room temperature. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Clothing: Wear impervious clothing and chemical resistant gloves when handling.
Respiratory Protection: Not required under normal conditions of use. In misty environments without proper ventilation, a NIOSH-approved respirator with high-efficiency particulate filter is recommended.
Eye Protection: Chemical goggles or full face shield are recommended. Eye fountain and washing facilities should be present at work area.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: light amber liquid
Odor: odorless
Boiling Point: > 212°F (100°C)
Flash Point: Not flammable
Flammable Limits: Not applicable
Explosive Properties: No data available
Oxidizing Properties: No oxidizing properties
Vapor Pressure: Not available
pH: Not available
Specific Gravity: 1.125 (H₂O=1)
Solubility in Water: Soluble

10. STABILITY & REACTIVITY

Conditions/Materials to Avoid: Strong oxidizers. May react with soft metals such as aluminum to form flammable hydrogen gas.
Hazardous Decomposition Products: None known.

11. TOXICOLOGICAL INFORMATION

No data available on the product as formulated. Information is hereby provided for individual formula components previously identified as hazardous:

Potassium hydroxide

Acute Oral: LD₅₀ (rat): 365 mg/kg
Primary Skin Irritation: severe (rabbit, 24 hr)
Primary Eye Irritation: severe (rabbit, 24 hr)

Sodium tripolyphosphate

Acute Oral: LD₅₀ (rat): 5400 mg/kg
Acute Dermal: LD₅₀ (rabbit): > 7940 mg/kg

12. ECOLOGICAL INFORMATION

No data available on the product as formulated. Information is hereby provided for individual formula components previously identified as hazardous:

Potassium hydroxide

Acute toxicity:
Fish - Fathead minnow, LC₅₀ (96hr): 179 mg/L
Invertebrate - Water flea, EC₅₀ (48hr): 60 mg/L
Plant - Green algae, EC₅₀ (96hr): 61 mg/L

Sodium tripolyphosphate

Acute toxicity:
Fish - Rainbow trout, LC₅₀ (96hr): > 100 mg/L
Invertebrate - Daphnia magna, EC₅₀ (48hr): > 1000 mg/L



13. DISPOSAL CONSIDERATIONS

Recover or recycle if possible. Wastes resulting from the use of this product may be disposed of on site, discharged into a sanitary sewer system or at an approved waste disposal facility. Disposal should be made in accordance with applicable regional, national and local laws and regulations. Consult appropriate regulatory officials for information on disposal, keeping in mind that local regulations may be more stringent than regional or national requirements.

14. TRANSPORT INFORMATION

Proper Shipping Name: Caustic alkali liquids, n.o.s. (potassium hydroxide)
Hazard Class: 8
UN Number: UN 1719
Packing Group: II

15. REGULATORY INFORMATION

SARA 313: Contains no chemicals subject to SARA Title III Section 313 in quantities sufficient to trigger reporting requirements.
TSCA: All components of this product are included or exempt from inclusion in EPA's Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

HMIS Ratings: Health – 2 Flammability – 0 Reactivity – 0

The information herein is believed to be accurate and represents the best information currently available. However, Pace International LLC makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and assumes no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

MSDS Revision Date: 12/10/09

Supersedes: 05/17/07

