

## SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name:** PacRite<sup>®</sup> Chlor Out  
**Product Code:** 10150  
**Product Use:** Neutralizes Water Treated with Sodium Hypochlorite  
**Supplier:** Pace International, LLC  
**Address:** 5661 Branch Road, Wapato, WA 98951  
**Phone Number:** 800-936-6750 (Monday-Friday, 7:00 a.m. – 4:00 p.m.)  
**Medical Emergency Phone Number:** 888-271-4649 (PROSAR)  
**Transportation Emergency Phone Number:** 800-424-9300 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

**Classification:**  
Acute Oral, Category 4  
Acute Dermal, Category 4  
Skin irritation, Category 1  
Eye irritation, Category 1  
Respiratory Sensitization, Category 1B

**Hazard Symbols:**



**Hazard Statements:**  
DANGER  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Precautionary Statements:**

**Prevention Statements:**

P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective clothing, chemical resistant gloves, and safety glasses or face shield.  
P260 Do not breathe fume, gas, mist, vapour or spray.  
P284 In case of inadequate ventilation wear respiratory protection.

**Response Statements:**

P301/312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P330/331 Rinse mouth. Do not induce vomiting.  
P302/352 IF ON SKIN: Wash with plenty of soap and water.  
P321 Specific Treatment see Section 4 First Aid Measures.  
P362/364 Take off contaminated clothing and wash if before reuse.  
P303/361/353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304/340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P310 Immediately call a POISON CENTER/doctor for medical advice/attention.  
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P342/311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor for medical advice/attention.  
**Storage Statements:**  
P405 Store locked up.  
**Disposal Statements:**  
P501 Dispose of contents/container should be made in accordance with applicable regional, national and local laws and regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>Concentration (w/w %)</u>
Potassium Hydroxide	1310-58-3	< 5 %
Proprietary food grade ingredients		balance

### 4. FIRST AID MEASURES

**General Advice:** Have the product container, label or Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.  
**If on Skin:** Take off contaminated clothing. Wash skin with plenty of soap and water. If redness, burning, or irritation persists, get medical advice/attention. Wash contaminated clothing before reuse.  
**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 advice/attention.



**If Swallowed:** Call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a 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, and 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 /**

**Procedures for Firefighters:** Wear self-contained breathing equipment and full turn out gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear protective clothing, chemical resistant gloves, and safety glasses or face shield.

**Environmental Precautions:** In case of spill isolate area and deny entry to unnecessary personnel. Do not allow product to enter sewers, lakes, streams or other bodies of water.

**Containment / Clean-Up Methods:** Stop spill at the source. Construct temporary dikes of dirt, sand, or other appropriate material to prevent spreading of the material. Absorb with an inert material such as sand or vermiculite and place in an appropriate container for disposal.

## 7. HANDLING & STORAGE

**Handling:** Avoid contact with skin and eyes. Good standards of hygiene should be maintained at all times. Smoking, eating, and drinking are prohibited in the work area. For personal protection wear protective clothing, chemical resistant gloves, and safety glasses or face shield.

**Storage:** Store in a cool, dry area at room temperature, keep away from heat, sparks and open flames. Keep container tightly closed when not in use. Keep out of reach of children and livestock. Store in locked location.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** Potassium Hydroxide CAS# 1310-58-3  
2 mg/m<sup>3</sup> (OSHA 8-hr PEL, ACGIH TLV)

**Engineering Controls:** Local exhaust ventilation maybe necessary to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces.

**Personal Protective Equipment :** **Clothing:** Wear protective clothing and chemical resistant gloves when handling.



**Eye Protection:** Wear safety glasses or face shield. Eye fountain and washing facilities should be present at work area.

**Respiratory Protection:** Not normally required. A NIOSH-approved respirator with organic vapor filter may be used in misty environments without proper ventilation.



## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid		
<b>Appearance:</b>	clear colorless liquid	<b>Upper/Lower flammability limits:</b>	Not available
<b>Odor:</b>	mild	<b>Vapor pressure:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Vapor density: (air =1)</b>	Not available
<b>pH:</b>	6.0 – 8.0	<b>Specific Gravity: (H<sub>2</sub>O = 1)</b>	1.2
<b>Melting/Freezing point:</b>	Not available	<b>Solubility:</b>	Miscible in water
<b>Boiling point:</b>	212°F (100°C)	<b>Partition coefficient (n-octanol-water):</b>	Not available
<b>Flash point:</b>	Not flammable	<b>Auto-ignition temperature:</b>	Not available
<b>Evaporation rate:</b>	Not available	<b>Decomposition temperature:</b>	Not available
<b>Flammability (solid, gas):</b>	Not applicable	<b>Viscosity:</b>	Not available

## 10. STABILITY & REACTIVITY

<b>Reactivity hazards:</b>	None known
<b>Chemical stability:</b>	Stable at ambient conditions
<b>Conditions to avoid:</b>	None known
<b>Incompatible materials:</b>	Oxidizers
<b>Hazardous decomposition products:</b>	Sulfur dioxide, sodium sulfide residue.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	<b>Acute Oral:</b>	LD <sub>50</sub> (estimate): > 700 mg/kg	Based on Ingredients
	<b>Acute Dermal:</b>	LD <sub>50</sub> (estimate): > 2000 mg/kg	Based on Ingredients
	<b>Inhalation:</b>	LC <sub>50</sub> (estimate): > 20 mg/L	Based on Ingredients
<b>Skin corrosion/irritation:</b>	Can be harmful to skin, causes severe skin burns.		
<b>Eye damage/irritation:</b>	Causes serious eye damage.		
<b>Respiratory/Skin sensitization:</b>	May cause allergy or asthma symptoms or breathing difficulties.		
<b>Germ cell mutagenicity:</b>	Not available		
<b>Carcinogenicity:</b>	No carcinogenic effects are expected due to product being comprised of FDA-approved food-grade ingredients.		
<b>Reproductive toxicity:</b>	Occasional workplace exposure is not expected to present a hazard.		
<b>Target organ effects:</b>	No known target organ effects.		
<b>Aspiration hazard:</b>	Material does not present an aspiration hazard.		
<b>Potential health effects:</b>	May be harmful to skin and eyes can cause severe burns.		

## 12. ECOLOGICAL INFORMATION

<b>Toxicity:</b>	LC <sub>50</sub> (96-hr) fish: > 100 mg/L (estimate)	Based on Ingredients
<b>Persistence/ degradability:</b>	Not available	
<b>Bioaccumulative potential:</b>	Not available	
<b>Mobility in soil:</b>	Not available	
<b>Other adverse effects:</b>	Not available	

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods:</b>	Recover or recycle if possible. Do not discharge into sewers, lakes, streams, or other bodies of water. 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.
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**14. TRANSPORT INFORMATION**

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
<b>UN number:</b>	Not applicable	Not applicable	Not applicable
<b>Proper shipping name:</b>	Not regulated	Not regulated	Not regulated
<b>Hazard class(es):</b>	Not applicable	Not applicable	Not applicable
<b>Packing group:</b>	Not applicable	Not applicable	Not applicable
<b>Marine Pollutant:</b>	Not applicable		
<b>Special precautions:</b>	None		

**15. REGULATORY INFORMATION**

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

**16. OTHER INFORMATION**

<b>HMIS Ratings:</b>	Health – 1	Flammability – 0	Reactivity – 0
<b>NFPA Ratings:</b>			

The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, Pace International, LLC and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, neither Pace International, LLC nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. It is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact Pace International, LLC to confirm that you have the most current product label and SDS.

This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information is set forth on the labeling and the SDS.

<b>SDS preparation date:</b>	May 26, 2015	<b>Replaces MSDS dated:</b>	December 11, 2013
<b>Changes since last revision:</b>	New format to SDS		

