SAFETY DATA SHEET

Hydroxi Pro Concentrate

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hydroxi Pro Concentrate
Product Use: Hard Surface Cleaner
Company Name: Core Products Co., Inc.
401 Industrial Rd
Canton, TX 75103

EMERGENCY TELEPHONE NUMBER
CHEMTREC (800) 424-9300

SECTION – 2 HAZARDS INFORMATION

Health Hazards: EYES-Category 2B; SKIN-Category 2

WARNING
Causes eye irritation, Causes skin irritation
May be harmful if swallowed, Avoid eye or skin contact, and inhalation of mist, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment

SECTION – 3 COMPOSITION INFORMATION

CHEMICAL NAME
Unknown Detergent
Hydrogen Peroxide

COMMON NAME AND SYNONYMS
Supplier Proprietary Detergent Blend
Supplier Proprietary Detergent Blend

CAS #
7722-84-1

IMPURITIES
Supplier Proprietary Detergent Blend
Supplier Proprietary Detergent Blend

PERCENT
1 - 8%
4.08%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT
Flush eyes with cold water while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid

SKIN CONTACT
Wash contaminated skin with plenty of water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid

INHALATION
Move person to fresh air, If they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

INGESTION
DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Aspiration Hazard: Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes: Can cause eye irritation, redness, tearing, by direct product eye contact
Skin: Can cause skin irritation, redness, drying or cracking
Inhalation: Spray mist may cause mild irritation
Ingestion: May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes: Causes eye irritation, redness, tearing, burning sensation, by direct product eye contact
Skin: Causes skin irritation, redness, defatting of the skin which may lead to dermatitis
Inhalation: Spray mist may cause irritation, to nose, throat or mucus membranes
Ingestion: May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus, Symptoms may include, vomiting, abdominal pain, nausea or diarrhea

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media: Not flammable: Use extinguishing media for surrounding fire
Hazardous Decomposition: Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes
Reactive With: Reactive with, strong oxidizing agents, strong bases, strong acids, powdered metals, zinc, iron, copper, nickel, brass
Explosion Hazards: Not applicable
Static Discharge: Not applicable
Mechanical Impact: Not applicable
Protective Equipment: Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear
SECTION – 6  ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Warn personnel of spill
Personal Precautions: Ventilate area, Avoid slipping on spilled product
Protective Equipment: Safety Glasses, Gloves
Containment: Use rags, towels, absorbent socks or pads to prevent spill from spreading
Clean Up Procedures: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water
Disposal: Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7  HANDLING AND STORAGE

Handling: Use appropriate safety equipment, and adequate ventilation, Avoid eye and skin contact, Avoid inhalation of mist, May be harmful if swallowed, Wash thoroughly after handling, Avoid release to the environment, Triple rinse container before discarding
Storage: KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials, Avoid storing in direct sunlight, Stored above 4.4ºC (40ºF) and below 49ºC (120ºF)
Incompatible Materials: Incompatible with, strong oxidizing agents, strong bases, strong acids, powdered metals, zinc, iron, copper, nickel, brass

SECTION – 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>ACGIH (TWA 8)</th>
<th>ACGIH (STEL)</th>
<th>OSHA PEL (TWA 8)</th>
<th>OSHA (CEIL)</th>
<th>Significant Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>1 ppm (1.4 mg/m³)</td>
<td></td>
<td>1 ppm (1.4 mg/m³)</td>
<td></td>
<td>El</td>
</tr>
<tr>
<td>Unknown Detergent</td>
<td>None</td>
<td>Established</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERSONAL PROTECTIVE EQUIPMENT

- Chemical Safety Glasses, Goggles or Face Shield
- Impervious Chemical Gloves
- Eye Wash (Recommended)

Ventilation: General Ventilation

HMIS HAZARD RATING

- Health: 1
- Flammability: 0
- Reactivity: 1
- Personal Protection: B

SECTION – 9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>&gt; 93.3ºC (200ºF) - TAG Closed Cup</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>ND</td>
</tr>
<tr>
<td>Auto-Ignition Temp.</td>
<td>ND</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>Orange</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>ND</td>
</tr>
<tr>
<td>Solubility</td>
<td>100%</td>
</tr>
<tr>
<td>Volatiles</td>
<td>&lt; 93%</td>
</tr>
<tr>
<td>VOC</td>
<td>&lt; 0.3%</td>
</tr>
<tr>
<td>LVP-VOC</td>
<td>0.00%</td>
</tr>
<tr>
<td>Specific Gravity / Density</td>
<td>1.00</td>
</tr>
<tr>
<td>pH (± 0.3)</td>
<td>6.0 - 6.5</td>
</tr>
<tr>
<td>Viscosity</td>
<td>ND</td>
</tr>
<tr>
<td>Freeze Point</td>
<td>0ºC (32ºF)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100ºC (212ºF)</td>
</tr>
<tr>
<td>Vapor Density (air=1)</td>
<td>ND</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>ND</td>
</tr>
<tr>
<td>Evaporation Rate (nBuAc=1)</td>
<td>ND</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>ND</td>
</tr>
<tr>
<td>Molecular Weight (g/mol)</td>
<td>ND</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>ND</td>
</tr>
</tbody>
</table>

SECTION – 10  STABILITY AND REACTIVITY

- Reactivity (Specific Test Data): None available
- Chemical Stability: Stable when stored above 4.4ºC (40ºF) and below 49ºC (120ºF)
- Hazardous Polymerization: Will not occur
- Conditions To Avoid: Incompatible materials, Direct sunlight
- Incompatible Materials: Incompatible with, strong oxidizing agents, strong bases, strong acids, powdered metals, zinc, iron, copper, nickel, brass
- Thermal Decomposition: Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes
**SECTION – 11  TOXICOLOGICAL INFORMATION**

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

**Eyes**  
Can cause eye irritation, redness, tearing, by direct product eye contact

**Skin**  
Can cause skin irritation, redness, drying or cracking

**Inhalation**  
Spray mist may cause mild irritation

**Ingestion**  
May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

**Eyes**  
Causes eye irritation, redness, tearing, burning sensation, by direct product eye contact

**Skin**  
Causes skin irritation, redness, defatting of the skin which may lead to dermatitis

**Inhalation**  
Spray mist may cause irritation, to nose, throat or mucus membranes

**Ingestion**  
May be harmful if swallowed, May cause irritation, of the mouth, throat, and esophagus, Symptoms may include, vomiting, abdominal pain, nausea or diarrhea

**Acute Tox Calculated**
- **Oral:** 10,883 mg/kg
- **Dermal:** 13,153 mg/kg
- **Inhaled:** 17.1 mg/L

**Acute Tox Category**
- Not applicable (Oral >5000 mg/kg), Not applicable (Dermal >5000 mg/kg), Not applicable (Inhaled >12.5 mg/L) Dust or Mist

**Target Organs**
- Eyes (Lens or cornea), Skin

**Medical Conditions**
- Preexisting, eye, skin, disorders may be aggravated by exposure to this product

**Notes to Physician**
- In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

**Carcinogenic – This product contains concentrations above 0.1% of the following:**

**Chemical Name**
- **Hydrogen Peroxide**
- **Unknown Detergent**

**GHS Category**
- None Listed

**Chemical Name**
- **Germ Cell Mutagenicity**
- **Toxic to Reproduction**

**Chemical Name**
- **Hydrogen Peroxide**
- **Unknown Detergent**

**LD50**
- **Oral** Rat 1,270 mg/kg
- **Dermal** Rabbit > 2,000 mg/kg
- **Inhaled** Rat 2.0 mg/L 4 Hour (Mist)

**EC50**
- **Water Flea** (Daphnia magna) > 80 mg/L
- **Fish** (Unknown Species) > 100 mg/L

**GHS Category**
- None Listed

**COMPONENTS ACUTE TOXICITY**

**SECTION – 12  ECOLOGICAL INFORMATION**

**Chemical Name**
- **Hydrogen Peroxide**
- **Unknown Detergent**

**Type**
- **LD50**
- **LC50**
- **EC50**

**Subject**
- **Fathead Minnow** (Pimephales promelas)
- **Water Flea** (Daphnia magna)

**Result Value**
- 16.4 mg/L
- > 80 mg/L

**GHS Category**
- 3 (>10, ≤100 mg/L)

**Presistence And Degradability**
- This product is inherently biodegradable according to the OECD definition

**Mobility In Soil**
- This material is a mobile liquid

**SECTION – 13  DISPOSAL CONSIDERATIONS**

DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

**ENVIRONMENTAL FATE**

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste

CONTAINER DISPOSAL - Triple rinse container then offer for recycling. If not available, puncture and dispose in a sanitary landfill

**SECTION – 14  TRANSPORT INFORMATION**

**DOT CLASSIFICATION**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>Label Codes</th>
<th>Reportable Quantity (lbs)</th>
<th>Response</th>
<th>Marine Pollutant</th>
<th>Hazard Label</th>
<th>Secondary</th>
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<tbody>
<tr>
<td>Not Regulated</td>
<td>Non Regulated Material</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>128</td>
<td>No</td>
<td></td>
<td></td>
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</tbody>
</table>

**Additional Info:**
### REGULATORY INFORMATION

#### TSCA

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>Sec 8(b) Inventory</th>
<th>Sec 8(d) Health And Safety</th>
<th>Sec 4(a) Chemical Test Rules</th>
<th>Sec 12(b) Export Notification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown Detergent</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
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</table>

#### REPORTABLE QUANTITIES

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>Extremely Hazardous</th>
<th>Reportable Quantity</th>
<th>Emission Reporting</th>
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<tbody>
<tr>
<td>EPCRA TPQ Sec 302</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPCRA RQ Sec 304</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CERCLA RQ Sec 103</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRI Sec 313</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RCRA Code</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RMP TQ Sec 112</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen Peroxide (&gt; 52%)</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### SARA

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>Section 311</th>
<th>Section 311 / 312 Hazards</th>
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<tbody>
<tr>
<td></td>
<td>Hazardous Chemical</td>
<td>Acute</td>
</tr>
<tr>
<td>Unknown Detergent</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### CALIFORNIA

**WARNING!** This product contains chemicals known to the state of California to cause:
- Birth Defects
- Reproductive Harm
- Carcinogen
- Developmental

#### CLEAN AIR WATER ACTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>Clean Air Acts</th>
<th>Ozone Class 1</th>
<th>Ozone Class 2</th>
<th>Clean Water Acts</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Listed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### INTERNATIONAL REGULATIONS

- The components of this product are listed on the chemical inventories of the following countries:
  - Australia
  - Canada
  - Europe (EINECS)
  - Japan
  - Korea
  - UK

#### WHMIS Classification

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>DSL</th>
<th>Class</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>Yes</td>
<td>C</td>
<td>Oxidizing Material</td>
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</table>

### OTHER INFORMATION

<table>
<thead>
<tr>
<th>SDS</th>
<th>LEGEND DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service Registry</td>
</tr>
<tr>
<td>CERCL</td>
<td>Comprehensive Environmental Response, Compensation, and Liability Act</td>
</tr>
<tr>
<td>CI</td>
<td>Cochlear Impairment</td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
</tr>
<tr>
<td>EC50</td>
<td>Concentration of a chemical that gives half-maximal response</td>
</tr>
<tr>
<td>EPA</td>
<td>Environmental Protection Agency</td>
</tr>
<tr>
<td>Eye</td>
<td>(EL = Irritation) (ED = Damage) (EV = Visual Impairment)</td>
</tr>
<tr>
<td>FBG</td>
<td>Full Bunker Gear</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System</td>
</tr>
<tr>
<td>HAP</td>
<td>California Hazardous air pollutant Clean Air Act</td>
</tr>
<tr>
<td>HMIS-A</td>
<td>Safety Glasses</td>
</tr>
<tr>
<td>HMIS-B</td>
<td>Safety glasses, gloves</td>
</tr>
<tr>
<td>HMIS-C</td>
<td>Safety glasses, gloves, chemical apron</td>
</tr>
<tr>
<td>HMIS-D</td>
<td>Face shield, gloves, chemical apron</td>
</tr>
<tr>
<td>HMIS-E</td>
<td>Safety glasses, gloves, dust respirator</td>
</tr>
<tr>
<td>HMIS-F</td>
<td>Safety glasses, gloves, chromic apron, dust respirator</td>
</tr>
<tr>
<td>HMIS-G</td>
<td>Safety glasses, vapor respirator</td>
</tr>
<tr>
<td>HMIS-H</td>
<td>Splash goggles, gloves, chromic apron, vapor respirator</td>
</tr>
<tr>
<td>HMIS-I</td>
<td>Safety glasses, dust, and vapor respirator</td>
</tr>
<tr>
<td>HMIS-J</td>
<td>Splash goggles, gloves, chromic apron, dust and vapor respirator</td>
</tr>
<tr>
<td>HMIS-K</td>
<td>Air line hood or mask, gloves, full chemical suit, boots</td>
</tr>
<tr>
<td>HMIS-X</td>
<td>Ask Supervisor</td>
</tr>
<tr>
<td>HS</td>
<td>California Hazardous Substance under the Clean Water Act</td>
</tr>
<tr>
<td>KD</td>
<td>Kidney Damage (nephropathy)</td>
</tr>
</tbody>
</table>

Hydroxi Pro Concentrate

Supersedes Safety Data Sheet Dated 1/24/2016

Print Date 2/29/2016

Core Products Co., Inc.

and nCites LLC have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.