


SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Hydroxipro Power Safe **Item** HPPS-Ready
Product Use Hard Surface Cleaner
Company Name Core Products Co., Inc. **Office** (800) 825-2673
 401 Industrial Rd **Fax** (903) 567-1346
 Canton TX 75103 **Web** www.coreproductsco.com
EMERGENCY TELEPHONE NUMBER CHEMTREC (800) 424-9300

SECTION – 2 HAZARDS INFORMATION

Health Hazards EYES-Category 2A; SKIN-Category 2
Environmental CHRONIC-Aquatic Toxicity-Category 4
 Irritant (skin and eye)

WARNING Causes serious 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 (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| <u>CHEMICAL NAME</u> | <u>COMMON NAME AND SYNONYMS</u> | <u>CAS #</u> | <u>IMPURITIES</u> | <u>PERCENT</u> |
|----------------------|---------------------------------|--------------|-------------------|----------------|
| Hydrogen Peroxide | | 7722-84-1 | | 1.75% |

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 with water, 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, Not Applicable
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 serious eye irritation, by direct product eye contact
Skin Can cause skin irritation, redness, drying or cracking
Inhalation Spray mist may cause mild irritation, to respiratory tract
Ingestion May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation, redness, tearing, or pain, by direct product eye contact
Skin Causes skin irritation, defatting of the skin which may lead to dermatitis
Inhalation Spray mist may cause irritation, to mucus membranes or respiratory tract
Ingestion May be harmful if swallowed, 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, nitrogen oxides, and other toxic fumes
Reactive With Reactive with, strong oxidizing agents, 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 | 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 | Keep away from incompatible materials, Use appropriate safety equipment, Avoid eye and skin contact, Avoid inhalation of mist, 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 4.4°C (40°F) and below 49°C (120°F) |
| Incompatible Materials | Incompatible with, strong oxidizing agents, strong acids, powdered metals, zinc, iron, copper, nickel, brass |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA PEL (TWA 8) | OSHA (CEIL) | Significant Exposure |
|-------------------|--------------------------------|--------------|--------------------------------|-------------|----------------------|
| Hydrogen Peroxide | 1 ppm (1.4 mg/m ³) | | 1 ppm (1.4 mg/m ³) | | RT |

PERSONAL PROTECTIVE EQUIPMENT

Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Eye Wash (Recommended)

**Ventilation**

General Ventilation

HMIS HAZARD RATINGS

| | |
|---------------------|---|
| Health | 2 |
| Flammability | 0 |
| Reactivity | 1 |
| Personal Protection | B |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|-----------------------------------|-----------------------------------|---------------|
| Flash Point | > 93.3°C (200°F) - TAG Closed Cup | Specific Gravity / Density | 1.002 |
| Flammable Limits | ND | pH (± 0.3) | 6.0 - 6.5 |
| Auto-Ignition Temp. | ND | Viscosity | ND |
| Physical State | Liquid | Freeze Point | 0°C (32°F) |
| Appearance | Clear | Boiling Point | 100°C (212°F) |
| Odor | Mild Pleasant | Vapor Density (air=1) | ND |
| Odor Threshold | ND | Vapor Pressure (mm Hg) | ND |
| Solubility | 100% | Evaporation Rate (nBuAc=1) | ND |
| Volatiles | < 99% | Partition Coefficient | ND |
| VOC | 0.02% | Molecular Weight (g/mol) | ~ 20.96 |
| LVP-VOC | 0.0% | Decomposition Temperature | ND |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity (Specific Test Data) | None available |
| Chemical Stability | Stable when stored above 4.4°C (40°F) and below 49°C (120°F) |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Incompatible materials |
| 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 – 15 REGULATORY INFORMATION

| TSCA | | | | | | | | | | | | | |
|--|---------------------|---|---|-------------------------------|---------------------------|------------------|----|-----|----|----|-----|----|----|
| CHEMICAL NAME | Sec 8(b) Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification | | | | | | | | | |
| Hydrogen Peroxide | Yes | | | | | | | | | | | | |
| REPORTABLE QUANTITIES | | | | | | | | | | | | | |
| CHEMICAL NAME | Extremely Hazardous | Reportable Quantity | Emission Reporting | | | | | | | | | | |
| Hydrogen Peroxide (> 52%) | EPCRA TPQ Sec 302 | EPCRA RQ Sec 304 | CERCLA RQ Sec 103 | TRI Sec 313 | RCRA Code | RMP TQ Sec 112r | | | | | | | |
| | | | 1000 | | | | | | | | | | |
| SARA | | | | | | | | | | | | | |
| CHEMICAL NAME | Section 311 | | | | Section 311 / 312 Hazards | | | | | | | | |
| Hydrogen Peroxide | Hazardous Chemical | Acute | Chronic | Flammable | Pressure | Reactive | | | | | | | |
| | Yes | Yes | Yes | | | Yes | | | | | | | |
| RIGHT TO KNOW | | | | | | | | | | | | | |
| CHEMICAL NAME | STATE | | | | | | | | | | | | |
| Hydrogen Peroxide | CA | CT | FL | IL | LA | NJ | NY | PA | MI | MN | MA | RI | WI |
| | | | | | | Yes | | Yes | | | Yes | | |
| CALIFORNIA | | | | | | | | | | | | | |
| CHEMICAL NAME | CAS # | WARNING! This product contains chemicals known to the state of California to cause: | | | | | | | | | | | |
| None Listed | | Birth Defects | Reproductive Harm | Carcinogen | Developmental | | | | | | | | |
| CLEAN AIR WATER ACTS | | | | | | | | | | | | | |
| CHEMICAL NAME | CAS # | Clean Air Acts | | | | Clean Water Acts | | | | | | | |
| None Listed | | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP | | | | | | |
| INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries: | | | | | | | | | | | | | |
| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK | | | | | | | |
| Hydrogen Peroxide | Yes | Yes | Yes | Yes | Yes | Yes | | | | | | | |
| WHMIS Classification | | | | | | | | | | | | | |
| CHEMICAL NAME | DSL | Class | Description | | | | | | | | | | |
| Hydrogen Peroxide | Yes | D-2B | Materials Causing Other Toxic Effects; Toxic Material | | | | | | | | | | |
| | | C | Oxidizing Material | | | | | | | | | | |

SECTION – 16 OTHER INFORMATION

| SDS | LEGEND DESCRIPTION | | |
|--------|---|-------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NFPA | National Fire Protection Association |
| EPA | Environmental Protection Agency | NIOSH | National Institute for Occupational Safety and Health |
| Eye | (EI = Irritation) (ED = Damage) (EV = Visual Impairment) | NE | Not Established |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous air pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety Glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Lowest concentration that is toxic to a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) |
| KD | Kidney Damage (nephropathy) | UEL | Upper Explosive Limit |

Core Products Co., Inc.

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