

SECTION - 1

## SAFFTY DATA SHFFT

Hydroxipro Power Safe Revision Date 2/18/2016

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 (800) 424-9300

**EMERGENCY TELEPHONE NUMBER CHEMTREC** 

**HAZARDS INFORMATION** SECTION - 2

**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)

**CHEMICAL NAME COMMON NAME AND SYNONYMS** CAS# **IMPURITIES PERCENT** 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

Eves 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					Significant
CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Exposure
Hydrogen Peroxide	1 ppm (1.4 mg/m³)		1 ppm (1.4 mg/m³)		RT

#### PERSONAL PROTECTIVE EQUIPMENT



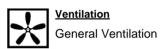




Impervious Chemical Gloves



Eye Wash (Recommended)



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

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#### SECTION – 11 TOXICOLOGICAL INFORMATION

## **ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

## 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

Acute Tox Calculated Oral: 56,287 mg/kg Dermal: 99,082 mg/kg Inhaled: 113.9 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

**Additional Info** 

Target Organs Liver, Respiratory Tract, Eyes (Lens or cornea), Skin

Medical Conditions Preexisting, eye, skin, liver, respiratory, 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

## <u>CARCINOGENIC – This product contains concentrations above 0.1% of the following:</u>

CHEMICAL NAMENTPACGIHIARCGHS Category

None Listed NA NA NA NA

#### MUTAGENIC AND REPRODUCTIVE EFFECTS - This product contains concentrations above 0.1% of the following:

CHEMICAL NAME Germ Cell Mutagenicity Toxic to Reproduction

None Listed NA NA

## **COMPONENTS ACUTE TOXICITY**

CHEMICAL NAME	<u>Type</u>	<u>Form</u>	<u>Subject</u>	Result Value	Exposure Time	GHS Category
Hydrogen Peroxide	LD50	Oral	Rat	1,270 mg/kg		4 (>300, ≤2000 mg/kg)
	LD50	Dermal	Rabbit	> 2,000 mg/kg		(>2000 mg/kg)
	LD50	Inhaled	Rat	2.0 mg/L	4 Hour (Mist)	4 (>1.0, ≤5 mg/L)

## SECTION – 12 ECOLOGICAL INFORMATION

 CHEMICAL NAME
 Type
 Subject Subject Latin
 Result Value
 Exposure Time
 GHS Category

 Hydrogen Peroxide
 LC50
 Fathead Minnow (Pimephales promelas)
 16.4 mg/L
 96 Hours
 3 (>10, ≤100 mg/L)

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

Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur

Mobility In Soil This material is a mobile liquid

Other Adverse Effects Harmful to aquatic life

#### 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**

<u>UN Number</u> <u>Proper Shipping Name</u> <u>n.o.s. (Chemicals ) or "Limits"</u>

Not Regulated Non Hazardous – Compounds Cleaning Liquid

Hazard ClassPacking GroupLabel CodesReportable Quantity (lbs)ResponseMarine PollutantHazard LabelSecondaryNoneNoneNone154No

Additional Info:

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SECTION – 15 REGULATOR	Y INFORMATION											
TSCA												
CHEMICAL NAME	Sec 8(b) Inventor	ry	Sec 8(d) H	ealth A	nd Safety	Se	c 4(a) Chen	nical Test R	Rules	Sec 12(	b) Expo	rt Notification
Hydrogen Peroxide	Yes											
REPORTABLE QUANTITIES	Extreme	ly Hazardo	us		Reportable	Quantity	Emission	Reporting				
CHEMICAL NAME	EPCRA TPQ Sec 30	02 EPCR	A RQ Sec	304	CERCLA RO	Q Sec 103	TRI S	ec 313	RC	RA Code	RM	P TQ Sec 112
Hydrogen Peroxide (> 52%)					100	00						
SARA	Section 3	11				Section	on 311 / 3	12 Hazard	ls		-	
CHEMICAL NAME	Hazardous Cl	hemical		Acute		Chronic	Fla	mmable		Pressure		Reactive
Hydrogen Peroxide	Yes			Yes		Yes						Yes
RIGHT TO KNOW					STATE							
CHEMICAL NAME	CA CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Hydrogen Peroxide					Yes		Yes			Yes		
CALIFORNIA		WARN	ING! Thi	s proc	duct conta	ins chem	icals kno	wn to the	state	of Califor	nia to d	cause:
CHEMICAL NAME	CAS#	Birth I	Defects		Reprodu	ctive Har	m	Carcino	gen	I	Develo	pmental
None Listed												
CLEAN AIR WATER ACTS		Clea	n Air Act	s				C	lean V	Vater Acts	•	
CHEMICAL NAME	CAS#	HAP		Ozor	ne Class 1	Ozor	ne Class 2	: F	łS	PF	<b>)</b>	TP
None Listed												
INTERNATIONAL REGULATIONS	<ul> <li>The components of</li> </ul>	of this pro	duct are I	isted c	n the cher	nical inver	ntories of t	he followi	ng coui	ntries:		
CHEMICAL NAME	Australia	C	anada	E	urope (Ell	NECS)	Japai	n	K	orea		UK
Hydrogen Peroxide	Yes		Yes		Yes		Yes		`	⁄es		Yes
WHMIS Classification												
CHEMICAL NAME	DSI	_ Clas	s Descr	ription	1							
Hydrogen Peroxide	Yes D-2B Materials Causing Other Toxic Effects; Toxic Material											
		С	Oxidi	zing N	/laterial							

#### SECTION - 16 OTHER INFORMATION

<u>SDS</u>	LEGEND DESCRIPTION		
<b>ACGIH</b>	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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