

MATERIAL SAFETY DATA SHEET

SECTION ONE - GENERAL INFORMATION

Date Revised: 07/20/12

PRIMARY TRADE NAME:

HYDROXI PRO® FORCE D

Health - 1

Flammability - 0

Reactivity - 0

Special - 0

GENERIC DESCRIPTION:

Ready-to-Use Spray DISINFECTANT/SANITIZER

MANUFACTURER'S NAME AND ADDRESS:

CORE PRODUCTS CO., INC.

401 INDUSTRIAL DR.

CANTON, TX 75103

EMERGENCY TELEPHONE NUMBER: **Chemtrec US & CANADA 1-800-424-9300**

TELEPHONE NUMBER FOR INFORMATION: **1-800-825-2673**

EPA Est. No. **66515-TX-1**

EPA FIFRA Registration # **84526-1**

SECTION TWO - HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA

<u>INGREDIENTS:</u>	<u>CAS#</u>	<u>%</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>
Hydrogen Peroxide	7722-84-1	5%	1.4 mg/m ³	1.4 mg/m ³
Silver	7440-22-4	.01%	NE	NE

SECTION THREE - PHYSICAL DATA

BOILING POINT (F): > 212

pH: 5

VAPOR PRESSURE (mm/Hg): 23 hPa (at 20° C or 68° F)

SP. GRAVITY (WATER=1) 1.01

VAPOR DENSITY 1.019 g/cm³ (at 20°C or 68° F)

SOLUBILITY IN WATER: Fully Soluble

EVAPORATION RATE (ETHYL ETHER=1) > 1

APPEARANCE AND ODOR: Colorless fluid with substances listed above and harmless additions.

SECTION FOUR - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD):

AUTOIGNITION TEMPERATURE:

LEL:

UEL:

Not Applicable

Not Applicable

N/A

N/A

EXTINGUISHING MEDIA:

Use normal firefighting procedures, water spray, dry chemical, carbon dioxide, or chemical foam.

SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire involving chemicals, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

No decomposition if used and stored according to specifications. Dangerous products of decomposition: Oxygen.

SECTION FIVE - HEALTH HAZARD DATA

CARCINOGENICITY: NTP: No IARC: No OSHA: No

PRIMARY ROUTE OF ENTRY: Eyes, Skin, Inhalation and Ingestion

SYMPTOMS OF HEAVY ACUTE AND/OR PROLONGED EXPOSURE:

Product contact with eyes will cause irritation. Prolonged or repeated exposure will irritate the skin. Inhalation of spray mist may irritate upper respiratory tract. Harmful if swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Dermatitis and respiratory disorders.

EMERGENCY FIRST AID:

EYES: Flush with plenty of water while lifting eyelids for 15 minutes. Remove contact lenses, if present after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or consult a physician for treatment advice.

SKIN: Wash with soap and water. If irritation occurs, seek medical attention.

INGESTION: Rinse mouth with water. Dilute by giving 1 to 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

INHALATION: Remove to fresh air, if problems with breathing occur, seek medical attention.

SECTION SIX - REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Keep away from direct sunlight and heat; keep containers tightly sealed in common storage areas. No other special measures are required.

INCOMPATIBLE MATERIALS TO AVOID: Avoid contact with combustible materials.

HAZARDOUS POLYMERIZATION: Will not occur. **CONDITIONS TO AVOID:** Contact with combustible materials may cause fire.

HAZARDOUS DECOMPOSITION: Thermal decompositions/conditions to be avoided: No decomposition if used and stored according to directions. Dangerous products of decomposition: Oxygen.

SECTION SEVEN - ENVIRONMENTAL PROTECTION PROCEDURES

SPILL RESPONSE:

Person related protective equipment may be worn but not required. Contain release by diluting with large volumes of water. Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust) and/or eliminate the spill source. Take up binding materials and containerize for proper disposal.



Do not discharge into storm sewer or with household garbage.

WASTE DISPOSAL METHOD: Dispose of excess product in accordance with all Local, State and Federal regulations. Water is the recommended cleaning agent.

ECOLOGICAL INFORMATION: Hydrogen peroxide, (50%) is slightly toxic to freshwater fish (LC50, fathead minnow = 16.4 mg/L) and moderately toxic to freshwater invertebrates (LC50, daphnia magna = 7.7 mg/L).

SECTION EIGHT - SPECIAL PROTECTION INFORMATION

EYE PROTECTION: ANSI approved, tightly sealed safety glasses **SKIN PROTECTION:** Rubber or vinyl gloves.

RESPIRATORY PROTECTION: Not normally required.

VENTILATION RECOMMENDATION: Local Exhaust: Not indicated Special: Not necessary.
Mechanical: Not normally indicated Other: Normal indoor ventilation.

OTHER PROTECTION: Long pants and sleeves. Consider an apron.

TOXICOLOGICAL INFORMATION

Acute toxicity: Oral route, LD 50, rat >5,000 mg/kg
Dermal route, LD 50, rabbit, >5,000 mg/kg
Inhalation, LC 50, 4 hours, rat, 2.08 mg/L

Irritation: Eyes: rabbit, moderate eye irritant
Skin: rabbit, 1 hour slight irritant

Sensitization: Guinea pig, non-sensitizing (skin)

SECTION NINE - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store away from direct sunlight. KEEP OUT OF REACH OF CHILDREN

OTHER PRECAUTION: General protective and hygienic measures; keep away from foodstuffs, beverages and food.

SECTION TEN - TRANSPORTATION INFORMATION:

Land transport ADR/RID (cross-border) ADR/RID-GGVS/E Class

Maritime transport IMDG Class – Not a Marine Pollutant

Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class – Not Regulated

US Dept. of Transportation – DOT

Not Regulated – No special labeling or shipping class, Hazardous Substance/RQ: Not applicable; 49 STCC Number – Not Applicable

Canada (TDG) No UN/NA Number, No special labeling or shipping class, not a Hazardous Substance, no TDG Pin (N/A)

ENVIRONMENTAL NOTES:

FIFRA registered product

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OSHA Hazard Communication Standard

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act (SARA) of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard	NO
Delayed (Chronic) Health Hazard	NO
Fire Hazard	NO
Reactive Hazard	NO
Sudden Release of Pressure Hazard	NO

Pennsylvania (Worker and Community Right-to-Know Act): Pennsylvania Hazardous Substances List, Pennsylvania Environmental Hazardous Substances List, and Pennsylvania Special Hazardous Substances List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under these statutes.

Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) Section 103

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

US Toxic Substances Control Act (TSCA)

This product contains chemical substance(s) exempt from the TSCA Inventory requirements. It is sold solely for use as a pesticide subject to Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) requirements.

OTHER INFORMATION

This product is recommended to be used as an industrial and consumer antimicrobial.

DISCLAIMER OF LIABILITY

This data is provided by Core Products Co., Inc. in good faith and believed to be accurate as to the effective date shown. As the conditions or methods of use are beyond our control, Core does not assume any responsibility and expressly disclaim any liability for use of this product. Information contained hereinafter is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof. Regulatory requirements are subject to change and may differ between locations. It is the user's responsibility to adhere to appropriate rules and regulations governing your area.

Footnotes:

NA-Not applicable	NE-data not established	CS-Cancer Suspect Agent	OX-Oxidizer	ND-No data	Cor-Corrosive
CALC-Calculated	EST-Estimated	STEL-Short Time Exposure Limit	TLV-Threshold limit Value	PEL-Permissible Exposure Limit	
TWA-Time Weighted Average, 8 hours		HMIS, PPI-Hazardous Material Identification System, Personal Protection Index			