



SAFETY DATA SHEET

HYPERSHIELD TOTAL HOME ANTIBACTERIAL DISINFECTANT CLEANER

Version: 1.0

Date of Last Revision: 06/03/2020

(According to Federal Register / Vol.77, No. 58 / Monday, March 26, 2012 / Rules and Regulations)

SECTION 1: IDENTIFICATION

Product Name: Chemical Guys CLN100 HyperShield Total Home Antibacterial Disinfectant Cleaner
Part Number(s): CLN100, CLN10016, CLN10064
Product Use: Disinfectant Cleaner
Product Form: Mixture

Manufacturer/Supplier's Details
Chemical Guys
14108 S. Western Ave.
Gardena CA 90249
Phone: 866-822-3670
Fax: 310-988-1061
E-mail: info@ChemicalGuys.com
Web: www.ChemicalGuys.com

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL OSHA

See product label for consumer use of product. All precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.

SECTION 2: HAZARDOUS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

Signal word, hazard statements(s), symbol(s) and precautionary statements in accordance with 29 CFR 1910.12.00(f) and GHS Rev.5th e.1043:

2.1 GHS CLASSIFICATION

No applicable GHS categories.



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2.2 GHS LABEL ELEMENTS

GHS Label Elements:	
No Applicable GHS Categories	<u>PRECAUTIONARY STATEMENTS</u>
	General: No GHS statements
	Prevention: No GHS statements
	Response: No GHS statements
	Storage: No GHS statements
Disposal: No GHS statements	

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Not Applicable

3.2 MIXTURES

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Component	CAS No.	Amount % By Weight	GHS Classification	Notes
Hydrogen Peroxide	7722-84-1	1-5	Skin Corr. 1B; H314: 50% ≤ C < 70% Skin Irrit. 2; H315: 35% ≤ C < 50% Eye Dam. 1; H318: 8% ≤ C < 50% Skin Corr. 1A; H314: C ≥ 70% Ox. Liq. 1; H271: C ≥ 70% Ox. Liq. 2; H272: 50% ≤ C < 70% STOT SE 3; H335: C ≥ 35% Eye Irrit. 2; H319: 5% ≤ C < 8%	[1][2]

*The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard. [2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance. *The full texts of the phrases are shown in Section 16.



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SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

- General:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 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, and then continue rinsing. Call poison control center or doctor for treatment advice. For emergency information, call your poison control center at 1-800-222-1222.
- Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
- Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
- Eye contact:** See above general first aid.
- Ingestion:** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE AND DELAYED)

- Overview:**
- Skin: Not a skin irritant
 - Eyes: Irritant. May cause eye irritation.
 - Inhale: May cause respiratory irritation of the respiratory tract.
 - Ingest: May cause irritation of the digestive tract. Existing skin diseases may be aggravated by overexposure.
- Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA

- Suitable extinguishing media:** Alcohol resistant foam, CO₂, powder, water spray.
- Unsuitable extinguishing media:** Do not use; water jet.



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5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

- Hazardous Decomposition:** No hazardous decomposition data available.
- Other:** Do not breathe dust, fume, mist, vapors or spray.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

- Firefighting instructions:** As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.
- Protection during firefighting:** Use water vapor, foam or fog. Firefighters should wear proper protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

- General Measures:** Put on appropriate personal protective equipment (see section 8).

6.2. ENVIRONMENTAL PRECAUTIONS:

Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

- Methods for cleaning up:** Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING:

- Precautions for Safe Handling:** Handle containers carefully to prevent damage and spillage. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.



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7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Storage conditions: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children. Incompatible materials: Acids, strong alkali, chemical reducing agents.

7.3. SPECIFIC END USE(S):

No Data Available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS:

CAS No.	Ingredient	Source	Value
0007722-84-1	Hydrogen Peroxide	OSHA	TWA 1 ppm (1.4 mg/m ³)
		ACGIH	TWA: 1 ppm
		NIOSH	TWA 1 ppm (1.4 mg/m ³)

8.2. APPROPRIATE ENGINEERING CONTROLS:

Respiratory: If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes: Protective safety glasses recommended

Skin: Wear appropriate protective gloves.

Engineering Controls: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear to slightly hazy, water-thin liquid
Odor:	Characteristic
Odor threshold:	Not Determined
pH:	1.4 -2.4
Melting point:	Not Measured
Freezing point:	Not Measured
Boiling point:	Not Measured
Flash point:	Not Measured
Relative evaporation rate (Ether=1):	Not Measured
Flammability (solid, gas):	Not Applicable
Upper/Lower Flammability or Explosive Limits:	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa):	Not Measured
Vapor Density:	Not Measured
Relative density:	1.015 - 1.025
Solubility in Water:	Soluble
Log Kow:	Not Measured
Auto-ignition temperature:	Not Measured



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Decomposition temperature:	Not Measured
Viscosity (cSt):	Not Measured

9.2. OTHER INFORMATION:

No additional information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Hazardous Polymerization will not occur.
Chemical Stability:	Stable under normal circumstances.
Possibility of Hazardous Reactions:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	Acids, strong alkali, chemical reducing agents.
Hazardous Decomposition:	No hazardous decomposition data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute Toxicity:

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50 mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Hydrogen Peroxide (7722-84-1)	1,026.00, Rat - Category: 4	>2,000.00, Rabbit - Category: 5	No data available	No Data Available	No Data Available



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Carcinogen Data:

CAS No.	Ingredient	Source	Value
0007722-84-1	Hydrogen Peroxide	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
		ACGIH	A3

Acute toxicity (oral):	Not Applicable
Acute toxicity (dermal):	Not Applicable
Acute toxicity (inhalation):	Not Applicable
Skin corrosion/irritation:	Not Applicable
Serious eye damage/irritation:	Not Applicable
Respiratory or skin sensitization:	Not Applicable
Germ cell mutagenicity:	Not Applicable
Carcinogenicity:	Not Applicable
Reproductive toxicity:	Not Applicable
STOT-single exposure:	Not Applicable
STOT-repeated exposure:	Not Applicable
Aspiration hazard:	Not Applicable

Product Testing Results:

Eye Irritation: There was no corneal opacity or iritis notated at any observation period. Conjunctival irritation noted in three out of three eyes, cleared in 7 days. There was no abnormal physical signs noted during the observation period. Conclusion: Ocular administration of product produced irritation which cleared in 7 days.

Skin Irritation: Absent very slight erythema and no edema were observed at the 1 hour following the 4 hour exposure. There was no abnormal physical signs noted during the observation period. Conclusion: Product is not a dermal irritant.



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SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY:

Ecology - General: No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity:

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Hydrogen Peroxide (7722-84-1)	16.40, Pimephales promelas	2.40, Daphnia pulex	1.38 (72 hr), Skeletonema costatum

Persistence and Degradability: There is no data available on the preparation itself.

Bio accumulative Potential: Not Measured

Mobility in Soil: No Additional Information Available

Results of PBT and vPvB assessment: This product contains no PBT/vPvB chemicals.

Other Adverse Effects: No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. DISPOSAL METHODS:

Waste treatment methods: Observe all federal, state and local regulations when disposing of this substance.



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SECTION 14: TRANSPORT INFORMATION

	DOT (Domestic Surface Transportation)	IMO/ IMDG (Ocean Transportation)	ICAO/IATA
UN Number:	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
Packing Group	Not Applicable	Not Applicable	Not Applicable

ENVIRONMENTAL HAZARDS:

IMDG: Marine Pollutant: No
Special Precautions for User: Not Applicable

SECTION 15: REGULATORY INFORMATION

REGULATORY OVERVIEW:

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA):	All components of this material are either listed or exempt from listing on the TSCA Inventory.
EPCRA 302 Extremely Hazardous:	Hydrogen Peroxide
EPCRA 313 Toxic Chemicals:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Carcinogens (>0.0%):	1,4-Dioxane



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Proposition 65 - Developmental Toxins (>0.0%):	Sulfur Dioxide
Proposition 65 - Female Repro Toxins (>0.0%):	Not Applicable
Proposition 65 - Male Repro Toxins (>0.0%):	Not Applicable
Proposition 65 Label Warning:	Optional, not legally required. No warning is required based on maximum potential Prop 65 component content and exposure assessments.

U.S. EPA LABEL INFORMATION:	
EPA Registration Number:	85837-4-96619
Difference between SDS and EPA (FIFRA) Pesticide label:	<p>This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:</p> <p>Warning: CAUTION: Causes moderate eye irritation.</p>



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SECTION 16: OTHER INFORMATION

SDS Revision Date:

06/03/2020

**The Full Text of the
phrases appearing in
Section 3 is:**

H271 May cause fire or explosion; strong oxidizer. H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.