



MATERIAL SAFETY DATA SHEET

I. PRODUCT AND COMPANY INFORMATION

TRADE NAME: ClearEffect
CHEMICAL FAMILY: Laundry Bleach

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Version: 2

HCS (Division of Washing Systems, LLC)
5579 Spellmire Dr.
Cincinnati, OH 45246
513-870-4830
EMERGENCY CONTACT: CHEMTREC (800-424-9300)

II. HAZARDOUS INGREDIENTS

The materials listed in this data sheet are classified as **HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>EXPOSURE LIMIT</u>
Hydrogen Peroxide	Hydrogen Peroxide	1 ppm OSHA PEL

III. PHYSICAL/CHEMICAL CHARACTERISTICS

<u>APPEARANCE & ODOR</u>	<u>VAPOR DENSITY (AIR=1)</u>	<u>BOILING POINT</u>	<u>SOLUBILITY IN WATER</u>
Colorless Liquid, Odorless	N/A	Not Determined	Soluble 100%
<u>SPECIFIC GRAVITY</u>	<u>EVAPORATION RATE (N-Butyl Acetate=1)</u>	<u>VAPOR PRESSURE (mmHg)</u>	<u>MELTING POINT</u>
1.045	>1	Not Determined	N/A

IV. FIRE AND EXPLOSION DATA

<u>FLASHPOINT</u>	<u>FLAMMABLE LIMITS (lower limit) (upper limit)</u>	<u>AUTO IGNITION TEMP</u>
> 200°F	N/A N/A	N/A

EXTINGUISHING AGENTS: Dry chemical, water spray, foam, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece and protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxidizing agent. Contact with flammable liquids or vapors may cause immediate fire or explosion, especially if heated, or it may result in delayed explosion. Decomposition will release oxygen, which will increase the explosive limits and burning rate of flammable vapors.

V. REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>	<u>HAZARDOUS POLYMERIZATION</u>
Stable	Releases oxygen gas, which in a confined space will increase explosive limits.	Reducing agents, combustible materials, organic materials, metals, cyanides, acids	Will not occur.

VI. HEALTH HAZARD DATA

SKIN: ACUTE Brief exposure will irritate the skin. Prolonged exposure causes irritation, blisters, and burns.
 CHRONIC None Known.

EYES: ACUTE Causes eye burns.
 CHRONIC Eye Corrosion

INHALATION: ACUTE Causes severe irritation.
 CHRONIC Irritation of the upper respiratory tract.

INGESTION: ACUTE May cause burns of the mouth, throat, esophagus, and stomach.
 CHRONIC None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None are known.

CARCINOGENICITY

OSHA: NO

IARC MONOGRAPHS: NO

NTP: NO

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Immediately flush area with plenty of cool water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician.

EYES: Immediately flush thoroughly with cool water under low pressure for at least 15 minutes, holding lids apart and moving eye to ensure flushing of the entire surface. Call a physician.

INHALATION: Remove from contaminated atmosphere. If breathing stops, administer artificial respiration. Get medical attention immediately.

INGESTION: Never give anything by mouth to an unconscious person. **DO NOT INDUCE VOMITING.** If conscious, give large quantities of water. If vomiting occurs, keep airway clear. Seek medical attention immediately.

VII. SPILL OR LEAK PROCEDURES

Extinguish all ignition sources and contain by diking with a non-combustible absorbent. Flush spill area with water and allow peroxide to decompose. Dispose according to local, state, and federal regulations. Contains no phosphates.

SPECIAL PRECAUTIONS

Store in a cool dry place. Store away from other chemicals and potential sources of contamination. Keep container closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Never add any other product to container. Never return unused product to container.

VIII. CONTROL MEASURES

<u>RESPIRATORY PROTECTION</u>	<u>EYE PROTECTION</u>	<u>PROTECTIVE GLOVES</u>	<u>OTHER PROTECTIVE EQUIPMENT</u>
None	Goggles and Face Shield	Rubber	Eye wash and safety shower nearby
	<u>VENTILATION:</u> <u>Mechanical</u>	<u>Local</u>	<u>Special</u>
	Normal Air Dilution	None	None

COC = Cleveland Open Cup

N/A = Not Applicable

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit

UNK = Unknown at This Time

CLEAR EFFECT