

# SAFETY DATA SHEET

CONTINENTAL CHEMICAL CO.  
4920 E. WASHINGTON BLVD.  
COMMERCE CA. 90040

DATE: May 7, 2025  
EMERGENCY PHONE  
TRANSPORTATION: CHEMTREC: 800-424-9300  
NON-TRANSPORTATION: HJB INC: 323-268-1288

## SECTION I GENERAL INFORMATION

PRODUCT NAME: **BLEACH BRIGHT/HYDROGEN PEROXIDE**

**MANUFACTURER:** CONTINENTAL CHEMICAL  
**HMIS: 301 J**

## SECTION II- HAZARDS IDENTIFICATION

### CLASSIFICATION

GHS CLASSIFICATION: SKIN CORROSION (CATEGORY 1A)  
SERIOUS EYE DAMAGE (CATEGORY 1)  
ACUTE AQUATIC TOXICITY (CATEGORY 3)

### GHS LABEL ELEMENTS



PICTOGRAM:

SIGNAL WORD:

HAZARD STATEMENT:

CORROSIVE, OXIDIZER

H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

H402: HARMFUL TO AQUATIC LIFE

PRECAUTIONARY STATEMENTS:

P280: WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
P303/P361/P353: **IF ON SKIN OR HAIR:** REMOVE ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER

P305/P351/P338: **IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES. CONTINUE RINSING.

P313: GET MEDICAL ATTENTION.

HMIS CLASSIFICATION:

HEALTH HAZARD: 3  
FLAMMABILITY: 0  
PHYSICAL HAZARDS: 1

NFPA RATING:

HEALTH HAZARD: 3  
FIRE: 0  
REACTIVITY HAZARD: 1  
OXIDIZER

## POTENTIAL HEALTH EFFECTS

INHALATION:	MAY BE HARMFUL IF INHALED. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE TISSUE OF THE MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.
SKIN:	MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSE SEVERE SKIN BURNS.
EYES:	CAUSE SEVERE EYE BURNS.
INGESTION:	TOXIC IF SWALLOWED. DO NOT INGEST.

---

## SECTION III CHEMICAL COMPOSITION

---

COMPONENT	CAS#	CONCENTRATION
HYDROGEN PEROXIDE	7722-84-1	35%

---

## SECTION IV FIRST AID MEASURES

---

IF INHALED:	IF INHALED, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN.
SKIN CONTACT:	TAKE OFF CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.
EYE CONTACT:	FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN.
IF INGESTED:	<b>DO NOT</b> INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN.

---

## SECTION V FIREFIGHTING MEASURES

---

FLAMMABILITY OVERVIEW:	CONSIDERED A NON-FLAMMABLE WATER SOLUTION.
FLASH POINT:	N/A
EXTINGUISHING MEDIA:	USE WATER-SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.
SPECIAL PROTECTIVE EQUIPMENT:	WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) FOR FIREFIGHTING, IF NECESSARY.
HAZARDOUS COMBUSTION PRODUCTS:	HAZARDOUS DECOMPOSITION PRODUCTS WHEN HEATED TO DRYNESS IT EMITS HYDROGEN PEROXIDE, OXYGEN GAS AND WATER VAPORS.

---

## SECTION VI ACCIDENTAL RELEASE MEASURES

---

PERSONAL PRECAUTIONS:	USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR GAS. ALWAYS ENSURE ADEQUATE VENTILATION. EVACUATE PERSONNEL TO SAFE AREAS.
-----------------------	---

ENVIRONMENTAL PRECAUTIONS: PREVENT FURTHER LEAKAGE OR SPILLIAGE. PREVENT FROM ENTERING DRAINS AND WATERWAYS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

CONTAINMENT AND CLEAN UP: SOAK UP WITH INERT ABSORBENT MATERIAL AND DISPOSE OF AS HAZARDOUS WASTE. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

---

## SECTION VII HANDLING AND STORAGE

---

SAFE HANDLING: USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR GAS. ALWAYS ENSURE ADEQUATE VENTILATION.

SAFE STORAGE: KEEP CONTAINERS TIGHTLY CLOSE IN A DRY WELL VENTILATED PLACE. CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. STORE AWAY FROM INCOMPATIBLE MATERIALS.

---

## SECTION VIII EXPOSURE CONTROLS/ PERSONAL PROTECTION

---

### EXPOSURE LIMITS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>EXPOSURE LIMIT</u>	<u>BASIS</u>
HYDROGEN PEROXIDE	7722-84-1	1 mg/m <sup>3</sup> 1 mg/m <sup>3</sup> 1 mg/m <sup>3</sup>	ACGIH-TLV OSHA TABLE Z-1 NIOSH EXPOSURE LIMITS

### PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION: WEAR TIGHTLY FITTING SAFETY GOGGLES AND FACE SHIELD. USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER NIOSH. HAVE EYE-WASH STATIONS AVAILABLE WHERE EYE CONTACT CAN OCCUR.

HAND PROTECTION: HANDLE WITH CHEMICAL-RESISTANT GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. DISPOSE OF CONTAMINATED GLOVES. WASH AND DRY HANDS AFTER USE.

SKIN PROTECTION: WEAR COMPLETE SUIT PROTECTION AGAINST CHEMICALS, INCLUDING CHEMICAL-RESISTANT BOOTS. SAFETY SHOWERS SHOULD BE LOCATED IN THE WORK AREA WHERE SKIN CONTACT CAN OCCUR.

RESPIRATORY PROTECTION: WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE, USE A NIOSH-APPROVED FULL FACE RESPIRATOR WITH APPROPRIATE CARTRIDGES. RESPIRATORY PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH OSHA 29 CFR 1910.134.

GENERAL CONTROLS: ALWAYS ENSURE ADEQUATE VENTILATION AND THAT WORKING AREAS CONTAINS SAFETY SHOWERS AND EYE WASH STATIONS.

HANDLE MATERIAL IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

---

### SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

---

PHYSICAL STATE: LIQUID  
COLOR: COLORLESS  
ODOR: TYPICAL  
pH (as is): 2.0 – 2.5  
VAPOR PRESSURE: 23 mmHg @ 30°C  
BOILING POINT: > 212°F  
VAPOR DENSITY (air = 1): NO DATA AVAILABLE  
SPECIFIC GRAVITY: 1.13 @ 25°C  
SOLUBILITY IN WATER: COMPLETE

---

### SECTION X STABILITY AND REACTIVITY

---

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.  
MATERIALS TO AVOID: AVOID HOT STORAGE (> 100°F), CAUSTIC AND STRONG ALKALI, ALL METALS AND METAL SALTS  
HAZARDOUS DECOMPOSITION: OXYGEN GAS

---

### SECTION XI TOXICOLOGICAL INFORMATION

---

#### ACUTE TOXICITY

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>TEST</u>	<u>TOXICITY</u>
HYDROGEN PEROXIDE	7722-84-1	ORAL LD50 DERMAL LD50 INHALATION LC50	NO DATA AVAILABLE NO DATA AVAILABLE NO DATA AVAILABLE

#### POTENTIAL HEALTH EFFECTS

INHALATION: MAY BE HARMFUL IF INHALED. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE TISSUE OF THE MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.

SKIN: MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSES SKIN BURNS.

EYES: CAUSES SEVERE EYE BURNS.

INGESTION: TOXIC IF SWALLOWED. DO NOT INGEST.

SYMPTOMS OF EXPOSURE: BURNING SENSATION, NAUSEA, COUGH, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, SPASM, INFLAMMATION, AND EDEMA OF THE LARYNX. SPASM, INFLAMMATION, AND EDEMA OF THE BRONCHI, PNEUMONITIS, PULMONARY EDEMA, HEADACHE.

CHRONIC EFFECTS OF EXPOSURE: NO DATA AVAILABLE

CARCINOGENICITY: NO COMPONENTS OF THIS PRODUCT AT LEVELS GREATER THAN 0.1% IS IDENTIFIED AS CARCINOGENIC BY IARC, ACGIH, OR OSHA.

---

## SECTION XII ECOLOGICAL INFORMATION

---

### ACUTE ECOTOXICITY

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>ORGANISM</u>	<u>ECOTOXICITY</u>
HYDROGEN PEROXIDE	7722-84-1	BLUEGILL SUNFISH	48 hr LC50 =99mg/L

### ECOLOGICAL EFFECTS

PERSISTENCE AND DEGRADABILITY: NO DATA AVAILABLE  
BIOACCUMULATION POTENTIAL: NOT EXPECTED TO BIO-ACCUMULATE  
MOBILITY IN SOIL: NO DATA AVAILABLE  
OTHER ADVERSE EFFECTS: HARMFUL TO AQUATIC LIFE DUE TO THE INCREASE  
pH OF THE WATER.

---

## SECTION XIII DISPOSAL

---

DISPOSAL: SURPLUS AND NON-RECYCLABLE MATERIAL SHOULD BE TREATED AS HAZARDOUS WASTE AND BE DISPOSED OF BY A LICENSED DISPOSAL COMPANY. DO NOT RELEASE INTO SEWERS OR WATERWAYS.  
CONTAMINATED PACKAGING: DISPOSE OF AS UNUSED PRODUCT.

---

## SECTION XIV TRANSPORTATION

---

**PRODUCT NAME:** BLEACH BRIGHT/HYDROGEN PEROXIDE  
**PROPER SHIPPING NAME:** HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS  
**ID NUMBER:** UN 2014  
**HAZARD CLASS OR DIVISION:** 5.1 (8)  
**PACKING GROUP:** II  
**DOT HAZARDOUS SUBSTANCE:** HYDROGEN PEROXIDE 50 Kg (OXIDIZER)

---

## SECTION XV REGULATORY INFORMATION

---

### US FEDERAL

SARA 302 COMPONENTS: NONE LISTED  
SARA 311/312 HAZARDS: ACUTE HEALTH HAZARD  
SARA 313 COMPONENTS: NONE LISTED  
TSCA INVENTORY: HYDROGEN PEROXIDE (CAS 7722-84-1)

### EUROPEAN UNION

EC INVENTORY: HYDROGEN PEROXIDE (EINEC: YES)

### STATE REGULATIONS

CA PROP 65: NONE LISTED

---

## SECTION XVI OTHER INFORMATION

---

SDS VERSION: 1.0  
REVISION DATE: 04/04/2015  
SUPERSEDES: NEW TO GHS

---

THE MANUFACTURER BASED ON ITS OWN DATA AND THE WORK OF OTHERS HAS ASSEMBLED THE INFORMATION IN THIS DATA SHEET. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, OR ADEQUACY OF THE INFORMATION CONTAINED HEREIN. THE MANUFACTURER SHALL NOT BE LIABLE (REGARDLESS OF FAULT) TO VENDEE, THE VENDEE'S EMPLOYEES, OR ANYONE FOR ANY DIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE ACCURACY, COMPLETENESS, ADEQUACY, OR FURNISHING OF SUCH INFORMATION.

---