



## SECTION 1 – IDENTIFICATION

**NAME:** PEROXIDE 27%

**USE:** Bleaching agent for laundry

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## SECTION 2 – HAZARDS IDENTIFICATION

### GHS CLASSIFICATION

**PHYSICAL HAZARDS:** Oxidizing liquids, category 2

**HEALTH HAZARDS:** Acute toxicity, oral, category 4  
Serious eye damage/eye irritation - Serious eye damage, category 1  
Specific Target Organ Toxicity-Single Exposure, Category 2B

**ENVIRONMENTAL HAZARDS:** Not available

### GHS LABEL ELEMENTS

**PICTOGRAM:**



**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:** May intensify fire; oxidizer.  
Harmful if swallowed.  
Causes serious eye damage.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

### PRECAUTIONARY STATEMENTS

**PREVENTION:** Keep away from heat/sparks/open flames/hot surfaces. Keep/Store away from clothing/combustible materials. Wear protective gloves/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathing fume/gas/mist/vapours/spray. Use only in a well-ventilated area.

**RESPONSE:** **In case of fire:** Use chemical powder, foam, carbon dioxide for extinction.  
**If swallowed:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. **If in eyes:** Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, keeping eyelids open. Immediately call a POISON CENTER/doctor. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. **If in eyes:** Rinse cautiously with water for 20-25 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, keeping eyelids open. Call a POISON CENTER or doctor/physician if you feel unwell.

**STORAGE / DISPOSAL:** Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local regulations.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
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## SECTION 4 – FIRST AID MEASURES

- SKIN:** Remove contaminated clothing. Rinse skin with water for at least 20 minutes/shower. Consult a physician if irritation persists.
- EYES:** Rinse cautiously with water for 15-20 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- INGESTION:** Rinse mouth. Do not induce vomiting. Drink 3 to 4 glasses of water. Do not give anything by mouth if victim is unconscious. Call a physician immediately.
- INHALATION:** Breathe fresh air. Give artificial respiration if necessary. Consult a physician if discomforts persist.
- TO PHYSICIAN:** Treat symptoms

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## SECTION 5 – FIRE-FIGHTING MEASURES

- FLAMMABLE:** The product is not flammable.
- EXTINGUISHING MEDIA:** Water spray, carbon dioxide, chemical powder, foam.
- UNSUITABLE EXTINGUISHING MEDIA:** Not available.
- SPECIFIC HAZARDS:** Oxidizing agent. May accelerate combustion. In the event of fire, toxic and corrosive fumes are emitted.
- HAZARDOUS COMBUSTION PRODUCTS:** Not available.
- SPECIAL FIRE FIGHTING PROCEDURES:** Wear protective clothing and self-contained breathing apparatus if necessary.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Ventilate enclosed areas. Avoid contact of the product with eyes and skin. Do not breathe fume/gas/mist/vapours/spray. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers.
- ENVIRONMENTAL PRECAUTIONS:** Avoid spillage or runoff into sewers or waterways.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Wear protective gloves/protective clothing/eye protection/face protection. Contain spilled material if possible. Absorb with inert materials. Collect in suitable and properly labeled containers. Rinse area with water.

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## SECTION 7 – HANDLING AND STORAGE

- PRECAUTIONS FOR SAFE HANDLING:** Avoid contact of the product with eyes and skin. Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product.
- CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Keep containers closed, in fresh, dry and well ventilated area, away from incompatible materials. Ventilate enclosed areas.

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**APPROPRIATE ENGINEERING CONTROL:** Good ventilation

### PERSONAL PROTECTIVE EQUIPMENT



- SKIN:** Protective clothing. Impermeable gloves.
- EYES:** Safety goggles.
- RESPIRATORY:** If ventilation is inadequate, suitable respiratory protection must be worn.

**HYGIENE MEASURES:** Wash hands after handling.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE / FORM:** Clear liquid

**COLOR:** Colorless

**ODOR:** Irritating

**ODOR THRESHOLD:** Not available

**pH :** 1.0 – 1.5

**MELTING POINT / FREEZING POINT (°C):** Not available

**BOILING POINT (°C):** Not available

**FLASH POINT (°C):** Not available

**EVAPORATION RATE:** Not available

**EXPLOSIVE LIMITS:** Not applicable

**VAPOUR PRESSURE:** Not available

**VAPOUR DENSITY:** Not available

**DENSITY (kg/L):** 1.09 - 1.11

**WATER SOLUBILITY:** Complete

**PARTITION COEFFICIENT  
N-OCTANOL / WATER:** Not available

**AUTOIGNITION TEMPERATURE (°C):** Not available

**DECOMPOSITION TEMPERATURE (°C):** Not available

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## **SECTION 10 – STABILITY AND REACTIVITY**

**REACTIVITY:** No dangerous reaction known under conditions of normal use.

**CHEMICAL STABILITY:** Stable at normal ambient temperatures and when used as recommended.

**HAZARDOUS REACTIONS:** Hazardous polymerisation does not occur.

**CONDITIONS TO AVOID:** Heat, contamination, dust, contact with incompatible materials.

**INCOMPATIBILITY:** Reducing and oxidizing agents, organic materials, heavy metals, iron, copper, alkalis, flammable materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat, oxygen.

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

### **INFORMATION ON LIKELY ROUTES OF EXPOSURE**

**SKIN:** Concentrated solutions can cause skin pain as well as severe deep burns. Prolonged and repeated exposure to diluted solutions often results in irritation, redness, pain, drying of the skin and crevices. There is a risk of chemical burns if the product is not removed quickly. Avoid handling when you have moist, wet or skinned skin.

**EYES:** Causes serious eye damage.

**INHALATION:** The product may cause severe irritation to the nose, throat and respiratory tract. Repeated or prolonged exposure may cause a useful cough, runny nose,

bronchopneumonia, pulmonary edema (accumulation of serous fluid in the lungs) and decreased lung function. Harmful effects may occur after a period of time.

**INGESTION:**

This product causes pain and severe burns in the mouth, throat and abdomen. There is a risk of vomiting, diarrhea and perforation of the esophagus and gastric mucosa.

**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**

Corrosive action on the skin and eyes may develop late and lesions may develop without feeling pain. The strict observance of first aid measures as a result of any exposure is essential. The product may cause cyanosis, gastrointestinal bleeding, pulmonary edema, bronchopneumonia and central nervous system (CNS) depression. The product is destructive to the tissues and mucous membranes of the upper respiratory tract, eyes and skin.

**INFORMATION ON TOXICOLOGICAL EFFECTS**

<b>ACUTE ORAL TOXICITY:</b>	LD50 (oral, rat): < 2000 mg/kg
<b>ACUTE DERMAL TOXICITY:</b>	Not available. No health effects (normal conditions of use).
<b>ACUTE INHALATION TOXICITY:</b>	Not available. No health effects (normal conditions of use).
<b>SKIN CORROSION / IRRITATION:</b>	May causes severe skin burns.
<b>SERIOUS EYE DAMAGE / EYE IRRITATION:</b>	Causes severe eye burns. Causes serious eye damage.
<b>RESPIRATORY SENSITIZATION:</b>	Not expected to cause respiratory sensitization.
<b>SKIN SENSITIZATION:</b>	Not expected to cause skin sensitization.
<b>GERMINAL CELL MUTAGENICITY:</b>	No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.
<b>CARCINOGENICITY:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.
<b>REPRODUCTIVE TOXICITY:</b>	No potential reproductive toxicity.
<b>SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:</b>	May cause respiratory irritation.
<b>SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:</b>	Not classified.
<b>ASPIRATION HAZARD:</b>	Not classified.

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**SECTION 12 – ECOLOGICAL INFORMATION**

<b>ECOTOXICITY:</b>	Hydrogen peroxide CL50 - Primphales (Fathead minnow), 16.4 mg/L – 96h. CE50 - Daphnia magna (Water flea), 2.4 mg/L – 48h.
<b>PERSISTENCE AND DEGRADABILITY:</b>	Not available
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not available
<b>MOBILITY IN SOIL:</b>	Not available
<b>OTHER ADVERSE EFFECTS:</b>	Not available

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**SECTION 13 – DISPOSAL CONSIDERATIONS**

**DISPOSAL INSTRUCTIONS:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain in sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

- HAZARDOUS WASTE CODE:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- WASTE FROM RESIDUES / UNUSED PRODUCTS:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
- CONTAMINATED PACKAGING:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14 – TRANSPORT INFORMATION

- TDG:** UN2014, HYDROGEN PEROXIDE, AQUEOUS SOLUTION, Class 5.1, PG II
- SPECIAL PRECAUTIONS FOR USER:** Read safety instructions, SDS and emergency procedures before handling.

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## SECTION 15 – REGULATORY INFORMATION

Ingredients included on inventory of DSL (Canada), REACH, TSCA (USA)

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## SECTION 16 – OTHER INFORMATION

- PRODUCT NAME:** PEROXIDE 27%
- PREPARED BY:** B.O.D. CHEMICALS INC.
- PHONE:** (450) 443-5556
- DATE:** August 3th, 2017

B.O.D. CHEMICALS INC. assume no responsibility for damages or physical injuries resulting in the use of this product. The user recognizes the risk in the use of this product and must consult and respect directions and dangers of this product.