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## SECTION 1 – IDENTIFICATION

**NAME / CODE:** BOD SAN 15 OXY /4402XX

**USE:** Cleaner - sanitizer - microbial control agent

**MANUFACTURER:** B.O.D. CHEMICALS INC.  
3300, Star Street, Saint-Hubert, Qc, Canada, J3Y 3W6  
Phone : (450) 443-5556 / Fax : (450) 443-6230 / Email : info@chimiquesbod.com

**EMERGENCY PHONE:** 1 (877) 565-8540

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## SECTION 2 – HAZARDS IDENTIFICATION

### GHS CLASSIFICATION

**PHYSICAL HAZARDS:** Flammable liquids, category 4  
Oxidizing liquids, category 3  
Organic peroxides, type F

**HEALTH HAZARDS:** Acute toxicity, oral, category 5  
Acute toxicity, dermal, category 4  
Skin corrosion / Irritation, category 1

**ENVIRONMENTAL HAZARDS:** Not available

### GHS LABEL ELEMENTS

**PICTOGRAM:**



**SIGNAL WORD:**

DANGER

**HAZARD STATEMENTS:**

Combustible liquid.  
May intensify fire; oxidizer.  
Heating may cause a fire.  
May be harmful if swallowed.  
May be harmful in contact with skin.  
Causes severe skin burns and eye damage.

**PRECAUTIONARY STATEMENTS**

**PREVENTION:**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Keep/Store away from clothing/combustible materials. Keep only in original container. Keep cool. Do not breathing vapours. Wash thoroughly after handling.

**RESPONSE:**

**In case of fire:** Use water spray, carbon dioxide, and alcohol-resistant foam for extinction. Call a POISON CENTER or doctor/physician if you feel unwell. **If swallowed:** Rinse mouth. Do NOT induce vomiting. **If on skin (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see supplemental first aid on the label). **If in eyes:** Rinse immediately and cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, keeping eyelids open. **Supplemental first aid:** If swallowed, give 3 or 4 glasses of water. Do not give anything by mouth if victim is unconscious. Do not induce vomiting. Call a physician.

**STORAGE / DISPOSAL:**

Store in a well-ventilated place. Protect from sunlight. Store at temperatures not exceeding 30C/86F. Store away from other materials. Store locked up. Dispose of contents/container in accordance with local regulations. (see 13<sup>th</sup> section).

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Acetic acid	000064-19-7	15 - 40
Peracetic acid	000079-21-0	10 - 30
Hydrogen peroxide	007722-84-1	3 - 7

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## SECTION 4 – FIRST AID MEASURES

<b>SKIN:</b>	Remove contaminated clothing. Rinse skin with water for at least 20 minutes/shower. Consult a physician if irritation persists.
<b>EYES:</b>	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.
<b>INGESTION:</b>	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.
<b>INHALATION:</b>	Breathe fresh air. Give artificial respiration if necessary. Consult a physician if discomforts persist.
<b>MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result. Ingestion: Burns, irritation, swelling.
<b>TO PHYSICIAN:</b>	Treat symptoms.

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## SECTION 5 – FIRE-FIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	Water spray, carbon dioxide, chemical powder, foam.
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>SPECIFIC HAZARDS: HAZARDOUS PRODUCT:</b>	<b>The product is flammable.</b> In case of fire, toxic fumes are emitted. Can ignite if heated. The product can decompose during heating to produce carbon monoxide and dioxide and toxic fumes. Contact with soft metals forms flammable hydrogen gas. Decomposition of the product releases oxygen which may intensify fire. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Wear protective clothing and self-contained breathing apparatus if necessary.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:</b>	Ventilate enclosed areas. Avoid contact of the product with eyes and skin. Do not breathe vapours. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers. Keep away from incompatible materials.
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Avoid the spillage or runoff entering drains, sewers or watercourses.
<b>METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:</b>	Wear protective clothing. Control spill to prevent runoff into sewers. Cover with inert absorbent material and recover in suitable containers. Sweep and rinse with water.

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## SECTION 7 – HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING:</b>	Avoid contact of the product with eyes and skin. Do not breathe vapours. Do not eat, drink or smoke when using this product.
<b>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:</b>	Keep containers closed, in fresh, dry and well ventilated area, away from incompatible materials.

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS	VALUE	REGULATION
Acetic acid	64-19-7	TLV-TWA: 10 ppm	ACGIH
Hydrogen peroxide	7722-84-1	TLV-TWA: 1 ppm	ACGIH

**APPROPRIATE ENGINEERING CONTROL:** Normal 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**

<b>APPEARANCE / FORM:</b>	Clear liquid
<b>COLOR:</b>	Colorless
<b>ODOR:</b>	Vinegar
<b>ODOR THRESHOLD:</b>	Not available
<b>pH:</b>	< 1
<b>MELTING POINT / FREEZING POINT (°C):</b>	Not available
<b>BOILING POINT (°C):</b>	Not available
<b>FLASH POINT (°C):</b>	Not available
<b>EVAPORATION RATE:</b>	Not available
<b>EXPLOSIVE LIMITS:</b>	Not available
<b>VAPOUR PRESSURE:</b>	Not available
<b>VAPOUR DENSITY:</b>	Not available
<b>DENSITY (kg/L):</b>	1.10 - 1.12
<b>WATER SOLUBILITY:</b>	Complete
<b>PARTITION COEFFICIENT N-OCTANOL / WATER:</b>	Not available
<b>AUTOIGNITION TEMPERATURE (°C):</b>	Not available
<b>DECOMPOSITION TEMPERATURE (°C):</b>	Not available

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**SECTION 10 – STABILITY AND REACTIVITY**

<b>REACTIVITY:</b>	Contact with soft metals forms flammable hydrogen gas. Contact with hypochlorites and chlorine-releasing compounds forms toxic chlorine gas.
<b>CHEMICAL STABILITY:</b>	Stable at normal ambient temperatures and when used as recommended.
<b>HAZARDOUS REACTIONS:</b>	Hazardous polymerisation does not occur.
<b>CONDITIONS TO AVOID:</b>	Contact with incompatible materials.

**INCOMPATIBILITY:** Strong bases, metals, reducing agents, hypochlorites and chlorine-releasing compounds.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not available.

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

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

**SKIN:** Causes severe skin burns.

**EYES:** Causes serious eye damage.

**INHALATION:** May cause an irritation.

**INGESTION:** Harmful if swallowed.

### **NUMERIC VALUES OF TOXICITY**

**ACUTE ORAL TOXICITY:** Not available. May be harmful if swallowed.

**ACUTE DERMAL TOXICITY:** Not available. May be harmful in contact with skin.

**ACUTE INHALATION TOXICITY:** Not available. No health effects (normal conditions of use).

### **DELAYED AND IMMEDIATE EFFECTS**

**SKIN CORROSION / IRRITATION:** Causes severe skin burns.

**SERIOUS EYE DAMAGE / EYE IRRITATION:** Causes serious eye damage.

**RESPIRATORY SENSITIZATION:** Not expected to cause respiratory sensitization.

**SKIN SENSITIZATION:** Not expected to cause skin sensitization.

**GERMINAL CELL MUTAGENICITY:** No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.

**CARCINOGENICITY:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.

**REPRODUCTIVE TOXICITY:** No potential reproductive toxicity.

**SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:** May cause respiratory irritation.

**SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:** Not classified.

**ASPIRATION HAZARD:** Not classified.

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## **SECTION 12 – ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Acetic acid  
LC50 - *Oncorhynchus mykiss*, > 1,000 mg/l - 96h  
EC50 - *Daphnia magna*, > 300.82 mg/l - 48h  
  
Hydrogen peroxide  
LC50 - *Primphales* (Fathead minnow), 16.4 mg/L - 96h  
EC50 - *Daphnia magna* (Water flea), 2.4 mg/L - 48h

**PERSISTENCE AND DEGRADABILITY:** Not available

**BIOACCUMULATIVE POTENTIAL:** Not available

**MOBILITY IN SOIL:** Not available

**OTHER ADVERSE EFFECTS:** Not available

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## SECTION 13 – DISPOSAL CONSIDERATIONS

- DISPOSAL INSTRUCTIONS:** Collect in appropriate containers and recycle or dispose the product at a licensed waste disposal site or in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.
- HAZARDOUS WASTE CODE:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- 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:** UN3109, ORGANIC PEROXIDE TYPE F, LIQUID, (Peroxyacetic acid, hydrogen peroxide), Class 5.2, 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:** BOD SAN 15 OXY
- CODE:** 4402XX
- PREPARED BY:** B.O.D. CHEMICALS INC.
- PHONE:** (450) 443-5556
- DATE:** October 16<sup>th</sup>, 2019

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.