



SECTION 1 – IDENTIFICATION

NAME / CODE: BOD SAN 5 OXY / 4401XX

USE: Peracetic acid - sanitizer

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

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS: Organic peroxides, type F
Corrosive to metals, category 1

HEALTH HAZARDS: Acute toxicity, oral, category 4
Acute toxicity, inhalation, category 4
Skin corrosion / Irritation, category 1
Serious eye damage / Eye irritation, category 1
Specific target organ toxicity - Single exposure, category 3

ENVIRONMENTAL HAZARDS: Not available

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS: Heating may cause a fire.
May be corrosive to metals.
Harmful if swallowed.
Harmful if inhaled.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

PREVENTION: Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep only in original container. Keep cool. Ground/bond container and receiving equipment. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing vapours. Use only outdoors or in a well-ventilated area.

RESPONSE: **In case of fire:** Use water spray, carbon dioxide, chemical powder, and foam for extinction. Absorb spillage to prevent material damage. **If swallowed:** Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. **If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. **If on skin (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Specific treatment (see supplemental first aid on the label). **If in eyes:** Rinse immediately and 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 or doctor/physician.

STORAGE / DISPOSAL:

Store in a well-ventilated place. Protect from sunlight. Store at temperatures not exceeding 30 °C. Store away from other materials. Store in corrosive resistant container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents /container in accordance with local regulations (see 13th section).

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

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

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.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	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. Inhalation: Irritation of nose, throat and respiratory tract. Coughing, difficulty breathing and/or shortness of breath.
TO PHYSICIAN:	Treat symptoms.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water spray, carbon dioxide, chemical powder, foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher, as this will spread the fire.
SPECIFIC HAZARDS: HAZARDOUS PRODUCT:	The product is flammable. 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.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear protective clothing and self-contained breathing apparatus if necessary.

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 vapours. Wear gloves, safety goggles and respirator if needed. Prevent discharge in sewers. Keep away from incompatible materials.
ENVIRONMENTAL PRECAUTIONS:	Avoid the spillage or runoff entering drains, sewers or watercourses.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:	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.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Avoid contact of the product with eyes and skin. Do not breathe vapours. 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.

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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / FORM: Clear liquid

COLOR: Colorless

ODOR: Vinegar

ODOR THRESHOLD: Not available

pH: < 1

MELTING POINT / FREEZING POINT (°C): -50

BOILING POINT (°C): Not available

FLASH POINT (°C): 70

EVAPORATION RATE: Not available

EXPLOSIVE LIMITS: Not available

VAPOUR PRESSURE: Not available

VAPOUR DENSITY: Not available

DENSITY (kg/L): 1.11 - 1.13

WATER SOLUBILITY: Complete

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

AUTOIGNITION TEMPERATURE (°C): Not available

DECOMPOSITION TEMPERATURE (°C): Not available

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: Contact with soft metals forms flammable hydrogen gas. Contact with hypochlorites and chlorine-releasing compounds forms toxic chlorine gas.

CHEMICAL STABILITY:	Stable at normal ambient temperatures and when used as recommended.
HAZARDOUS REACTIONS:	Hazardous polymerisation does not occur.
CONDITIONS TO AVOID:	Contact with incompatible materials.
INCOMPATIBILITY:	Strong bases, metals, reducing agents, hypochlorites and chlorine-releasing compounds.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	Causes severe skin burns.
EYES:	Causes serious eye damage.
INHALATION:	Harmful if inhaled.
INGESTION:	Harmful if swallowed.

NUMERIC VALUES OF TOXICITY

ACUTE ORAL TOXICITY:	LD50 (rat): 1022 mg/kg. Harmful if swallowed.
ACUTE DERMAL TOXICITY:	Not available. No health effects (normal conditions of use).
ACUTE INHALATION TOXICITY:	CL50: 11796 ppm. Harmful if inhaled.

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.

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

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.

SECTION 14 – TRANSPORT INFORMATION

TDG: UN3149, HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURES
STABILIZED with acid, water and not more than 5% peroxyacetic acid, Class 5.1, 8, PG II

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling.

SECTION 15 – REGULATORY INFORMATION

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

SECTION 16 – OTHER INFORMATION

PRODUCT NAME: BOD SAN 5 OXY

CODE: 4401XX

PREPARED BY: B.O.D. CHEMICALS INC.

PHONE: (450) 443-5556

DATE: June 19th, 2020

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.