SECTION 1 - IDENTIFICATION

Product identifier/Trade name: SAFEBLEND SANIBLEND OXY

Other means of identification: SRXP

Recommended use: Disinfectant, Cleaner, Deodorizer

Restriction on use: FOR INDUSTRIAL/INSTITUTIONAL, HOSPITAL, BARN, FOOD PLANT AND DOMESTIC USE ONLY

Initial supplier identifier: Chemotec (PM) Inc.
8820 Place Ray-Lawson
Anjou, Quebec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a WHMIS 2015 - GHS (Globally Harmonized System) classification:

This product is regulated under the Food and Drug Regulations and is not regulated by WHMIS.

2b Label elements:

Pictogram: No pictogram

PRECAUTIONIONARY STATEMENT:

KEEP OUT OF REACH OF CHILDREN. Rinse hands after handling. Avoid contact with eyes.

FIRST AID:

Eyes: Flush or rinse eyes with water after contact. If eye irritation persists get medical advice.

Have the product container or label and Drug Identification Number (DIN) with you when seeking medical attention.

Warning statement: See under precautionary statement.

Hazard statement: See under precautionary statement.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Hydrogen Peroxide	7722-84-1	0.1-1.0	Not Classified at this concentration

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures:

Eye contact: Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, call a physician or poison control center.

Skin contact: Take off contaminated clothing. Wash with plenty of water for 15-20 minutes. If skin irritation occurs call a physician or poison control center. Wash contaminated clothing before reuse.

Inhalation: Bring the person to fresh air.

Ingestion: Rinse mouth. Never give anything by mouth if the person is unconscious. Call a physician or poison control center for treatment advice.

4b Most important symptoms and effects:

Eye contact: May cause irritation, redness, tears, burning sensation.

Skin contact: May cause slight irritation. Contact with the product whitens the skin for a few minutes.

Inhalation: No effect.

Ingestion: May cause slight irritation, abdominal pain, diarrhea, nausea, and vomiting.

4c Immediate medical attention and special treatment needed.

No special treatment. See the doctor's notice in section 2.

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media:

Suitable extinguishing media: Water (if possible, avoid powerful jets), foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media: None known.

5b Specific hazards for product:

Hazardous combustion products: Oxides of carbon, nitrogen, and other irritating gases.

5c Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment: During a fire, irritating and toxic smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating and toxic products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment, and emergency procedures:

Personal protection: Avoid contact with eyes and skin. Avoid breathing mist from the product. Do not ingest. Provide aeration and sufficient ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water. Caution: floors will be very slippery.

6c Environmental precautions: Product is biodegradable. Do not let large quantities go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:

Avoid contact with eyes. See section 2 for details.

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place, no lower in temperature than 15° or higher than 30°C, away from sunlight. Do not store with food products. Keep from freezing.

7c Special packaging materials:

none.

Keep away from bleach. No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters:

	Ontario Time-weighted Average Limit (TWA)	**Ontario Short-Term Exposure Limit (STEL)**	**Notations**
No ingredients regulated	None established	None established	

8b Engineering controls:

Not required

8c Individual protection measures:

Respiratory Protection: Not required.
Skin protection and other protective equipment: Waterproof boots for large spills. Rubber gloves.
Eye / face protection: In case of possible eye contact, safety glasses are suggested.

General hygiene considerations: KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Colorless liquid .
Colour	Colorless
Odour	Fresh Mint
Melting point and freezing point	Approximately 0^{o}C
Boiling point:	Approximately 100^{o}C
Flammability	N/A
Lower and upper flammability limit	N/A

Flash point	None to boil
Auto-ignition temperature	N/A
Decomposition temperature	N/A
pH	Approximately 5
Viscosity:	<100 cps @ 25°C
Solubility in water:	Miscible
Partition coefficient – n-octanol/water	N/A
Vapour pressure (mm Hg)	20 mm Hg (water)
Specific gravity or density (water = 1 at 4 °C):	1.0 g/cm^3@ 20°C
Relative vapour density	0.6 mm Hg (water)
Particle characteristics	N/A

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable.

10b Chemical stability:

Stable at 15ºC to 30ºC, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong acids and strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong acids, bases, and strong oxidizing agents.

10e Incompatible materials:

Avoid contact with strong alkalis and strong reducing materials. Hydrogen peroxide, a component of this product is a strong oxidizing material. It is not flammable by itself, but it can cause combustion spontaneous from flammable materials and support combustion because it releases oxygen as it decomposes.

10f Hazardous decomposition products:

With reducing materials and strong alkalis: heat, water, and oxygen vapors carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye, skin, and ingestion.

Eye contact: May cause irritation, redness, tears, burning sensation.

Skin contact: May cause slight irritation. Contact with the product whitens the skin for a few minutes.
Inhalation: No effect.
Ingestion: May cause slight irritation, abdominal pain, diarrhea, nausea, and vomiting.

Carcinogenicity: No ingredient listed by IARC as a possible carcinogen.
Teratogenicity, mutagenicity, other reproductive effects: Not available.
Skin sensitization: Not available.
Respiratory tract sensitization: Not available.
Synergistic materials: Not available.
Other important hazards: Not available.

Toxicological data: The calculated LD50 for this product is greater than 20,000 mg/Kg, (oral, rat); our products are not tested on animals.
For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity:

Toxicity (fishes)	Value EC50	Exposure Time	Method
Hydrogen peroxide	16.4 mg/l	96 H	N/D

Toxicity (Daphnia)	Value EC50	Exposure Time	Method
Hydrogen peroxide	7.7mg/l	48H	N/D

Toxicity (Algae)	ValueEC50	Exposure Time	Method
Hydrogen Peroxide	Selenastrum capricornutum 4.05 - 21.16mg/l	96H	N/D

12b Persistence and degradability:
Product is biodegradable.

12c Bioaccumulation potential:
Not available

12d Mobility in soil:
Not available.

12e Other adverse effect:
No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 - DISPOSAL CONSIDERATIONS

Avoid contamination of food. Rinse the emptied container thoroughly. Make the empty container unsuitable for further use. Dispose of the container in accordance with municipal, provincial, and territorial requirements. For

information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:
UN number: Not applicable
Proper shipping name: Not applicable
Class: Not applicable
Identification number: Not applicable
Packing group: Not applicable
Special case: Not applicable

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

WHMIS Classification: See section 2a

CEPA information: Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision: 2023-06-13

References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System

End of the SDS