SECTION 1 - IDENTIFICATION

Product identifier/Trade name: SAFEBLEND SANIBLEND OXY

Other means of identification: SRXX

Recommended use: Cleaner, Disinfectant,

Restriction on use: For industrial, institutional and food plants 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

PRECAUTION:

Warning statement

Hazard 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:
If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Skin contact:
Wash with plenty water for minimum 15-20 minutes. If skin irritation occurs get medical advice.

Inhalation:
If inhaled: Move person to fresh air.

Take container, label or product name and Registration Number with you when seeking medical attention

Ingestion:
Rinse mouth. Never give an unconscious person a drink. Call a poison control center or doctor for treatment advice.

4b Most important symptoms and effects

Eye: May cause irritation, redness, tearing, burning sensation
Skin: 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.

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 but it can generate oxygen when it breaks down.
Unsuitable extinguishing media:
None known.

Specific hazards for product
Hazardous combustion products:
Oxides of carbon, nitrogen, and other irritating gases.

Special protective equipment and precautions for firefighters
Special fire-fighting procedures/equipment:
During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating 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. Use adequate aeration and 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 slippery.

6c Environmental precautions:
Biodegradable product. Do not let go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for safe handling:
Avoid contact with eyes. When used as directed, no need for special measurements.

7b Condition for safe storage:
Store in a sealed container in a well-ventilated place. Do not store with food products. Keep from freezing.
7c Special packaging materials: none.
Keep away from peroxide and bleach. No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

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

8b Engineering controls:
Not required under normal applications.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications.

Skin protection and other protective equipment:

Waterproof boots for large spills. Rubber gloves.

Eye / face protection:

Not required under normal applications. In case of possible contact uses safety glasses.

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

Appearance and odor:	Colorless liquid Fragrance Free.
Odor threshold:	N/Av
pH :	Approximately 5
Melting point and freezing point:	Approximately 0 ºC
Boiling point:	Approximately 100 ºC
Flash point:	None to boil
Evaporation rate (n-BuAc =1):	0.4 (water)
Lower flammable limit (% by volume):	N/Av
Upper flammable limit (% by volume):	N/Av.
Explosion data - Sensitivity to mechanical impact:	Not sensitive
Explosion data - Sensitivity to static discharge:	Not sensitive
Vapour pressure (mm Hg)	20 mm Hg (water)
Vapour density:	0.6 (water)
Specific gravity or density (water = 1 at 4 ºC):	1.0 g/cm^3@ 20 ºC
Solubility in water:	Miscible
Partition coefficient – n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature	Not available
Viscosity:	<100 cps @ 25 ºC

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable when used as directed.

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 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 and ingestion.
Eye: May cause irritation, redness, tearing, burning sensation
Skin: May cause slight irritation. Contact with the product whitens the skin for a few minutes.
Inhalation: Move person to fresh air
Ingestion: Rinse mouth. Never give an unconscious person a drink. Call a poison control center or doctor for treatment advice.
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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 LD_{50} for this product is greater than 20,000 mg/Kg, (oral, rat); our products are not tested on animals.

Ingredients	LD_{50} (route, species)	LC50# hours(species)
Hydrogen Peroxide	694MG/kg (Oral, rat) 2,000mg/kg (dermal rabbit)	P/D

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: The product is biodegradable

12c Bioaccumulation potential: Not available

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12d Mobility in soil: There is no test data on this product.

12e Other adverse effect No applicable information found

SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:

Not regulated

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 2019-01-07

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