SECTION 1 - IDENTIFICATION

Product identifier/Trade name: SAFEBLEND BIO-THYME NATURAL CLEANER AND DISINFECTANT

Other means of identification: SRBP

Recommended use: CLEANER AND DISINFECTANT

Restriction on use: For industrial, institutional, household, healthcare and food plants use.

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 not classified as dangerous as per GHS criteria. It is regulated under the Food and Drugs regulation.

2b Label elements
None as per GHS

Precautionary statement
None as per GHS

Signal word:
None as per GHS

Hazard statement
None as per GHS
SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>% (weight)</th>
<th>GHS CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>No ingredients classified at the concentration present in product</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

**Eye contact:**
Flush thoroughly with water; seek medical attention if necessary.

**Skin contact:**
Flush thoroughly with water; seek medical attention if necessary.

**Inhalation:**
No effect expected.

**Ingestion:**
Rinse mouth. Call a doctor if you feel unwell. Never give anything by mouth if the person is unconscious.

4b Most important symptoms and effects

**Eye:**
May cause slight irritation, redness, tears, burning sensation.

**Skin:**
May cause slight irritation.

**Inhalation:**
No effect expected.

**Ingestion:**
May cause slight irritation, headache, abdominal pain, diarrhoea, 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.

Unsuitable extinguishing media:
None known.

**Specific hazards for product**

Hazardous combustion products:
Oxides of carbon, sulfur 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
Safety Data Sheet: SAFEBLEND BIO-THY ME NATURAL CLEANER AND DISINFECTANT

Personal protection:
Avoid contact with eyes and skin. Floor will be slippery in case of a spill. In case of possible eye contact, safety glasses are suggested.

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. Resume cleaning by rinsing with water. Caution: floors will be 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 and skin. When used as directed, no special precautions. Users with sensitive skin should take additional precautions: wear gloves. Wash hand after handling.

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.
No incompatibility with most materials found in most workplaces.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

<table>
<thead>
<tr>
<th>Ontario Time-weighted Average Limit (TWA)</th>
<th>Ontario Short-Term Exposure Limit (STEL)</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>None established for ingredients</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Eye / face protection:
Not required under normal applications. In case of possible eye contact, safety glasses are advised.

General hygiene considerations:
KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes and skin. Never eat, drink, or smoke in work areas.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour: Colourless liquid with spicy odour.
Odour threshold: N/Av
pH: 6.5-7.5
Melting point and freezing point: Approximately 0 °C
Boiling point: Approximately 100 °C
Flash point: None to boil
Evaporation rate (n-BuAc =1): Approximately 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) Approximately 20 (water)
Vapour density: Approximately 0.6 (water)
Specific gravity or density (water = 1 at 4 °C): 1.0 g/cm³@ 20 °C
Solubility in water: Miscible
Partition coefficient – n-octanol/water: Not available
Auto-ignition temperature: Not available
Decomposition temperature Not available
Viscosity: <100 cps @ 25 °C

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity: Not applicable when used as directed.

10b Chemical stability: Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions: None known.

10d Conditions to avoid: None known when used as directed

10e Incompatible materials None known when used as directed

10 f Hazardous decomposition products: Oxides of carbon, sulfur and other irritating gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.

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

Skin: May cause slight irritation

Inhalation: No effect expected.

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

Carcinogenicity: No ingredient listed by IARC as a possible carcinogen.

Teratogenicity, mutagenicity, other reproductive effects: Not available

Skin sensitization: Repeated or prolonged use may produce sensitization in some individuals.

Respiratory tract sensitization: Not available

Synergistic materials: Solvents, soaps

Other important hazards: Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 10,000 mg/Kg, oral, rat; our products are not tested on animals.

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity: Not available
12b Persistence and degradability: Product is expected to be readily biodegradable as per OECD 301.

12c Bioaccumulation potential: Not available

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

12e Other adverse effect: No applicable information found

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SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial and local regulations.
For additional information, at the federal level, see http://www.ec.gc.ca/gdd-mw/default.asp?lang=En&n=39D0D04A-1
In Alberta, see http://esrd.alberta.ca/waste/hazardous-waste-management/default.aspx
In B.C., see http://www2.gov.bc.ca/gov/topic.page?id=DC31CEF84F634025839C66F7F80164E8
In Manitoba, see http://www.gov.mb.ca/conservation/eal/haz-waste/faq/index.html
In New-Brunswick, see http://breaudisposal.nb.ca/breaudisposal/prohibited_waste.htm
In NFLD, see http://www.env.gov.nl.ca/env/env_protection/waste/
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In Northwest territories, see http://www.enr.gov.nt.ca/programs/hazardous-waste
In Nova Scotia, see http://novascotia.ca/snsMr/paal/nse/paal180.asp
In Nunavut, see http://www.nmto.ca/course/other-training/hazardous-waste-management
In Ontario, see https://www.ontario.ca/environment-and-energy/hazardous-waste-management-business-and-industry
In PEI, see http://www.gov.pe.ca/environment/hazardous-waste
In Quebec, see http://www.mddelcc.gouv.qc.ca/materies/dangereux/
In Saskatchewan, see http://www.publications.gov.sk.ca/details.cfm?p=24515
In Yukon, see http://www.env.gov.yk.ca/air-water-waste/special_waste_regs.php

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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

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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  2018-04-17

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 MSDS