SECTION 1 - IDENTIFICATION

Product identifier/Trade name: OXY-BLEND CLEANER AND STAIN REMOVER, Tangerine oil

Other means of identification: XCTO

Recommended use: CLEANER AND STAIN REMOVER

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 not classified.

2b Label elements
None

Precautionary statement

Signal word:

Hazard statement
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>Sodium linear alkylbenzene sulfonate</td>
<td>68081-81-2</td>
<td>1-5</td>
<td>Acute toxicity oral and skin contact, category 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye irritation, category 2</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>70161-44-3</td>
<td>1-5</td>
<td>At this concentration, not classified</td>
</tr>
<tr>
<td>Ethoxylated alcohol</td>
<td>68991-48-0</td>
<td>4-7</td>
<td>Eye irritation, category 2</td>
</tr>
</tbody>
</table>

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

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

**Skin contact:**
Rinse thoroughly with water. If irritation occurs, get medical advice.

**Inhalation:**
Bring person to fresh air.

**Ingestion:**
Rinse mouth with water. Never give anything by mouth if the person is unconscious.

4b Most important symptoms and effects

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

**Skin:** May cause irritation. Contact with product may whiten skin for a few minutes.

**Inhalation:** Over-exposure by inhalation may cause respiratory irritation.

**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 sprays), foam, dry chemicals, carbon dioxide. Product itself is not flammable but it can generate oxygen when decomposing.

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. 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. 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. When used as directed, no special precautions.

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></th>
<th>Ontario Time-weighted Average Limit (TWA)</th>
<th>Ontario Short-Term Exposure Limit (STEL)</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl sulfate or</td>
<td>None established</td>
<td>None established</td>
<td></td>
</tr>
<tr>
<td>Sodium coco-sulfate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>1 ppm</td>
<td>None established</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:
In case of possible contact, wear rubber gloves. Waterproof boots for large spills.

Eye / face protection:
Not required under normal applications. In case of possible contact, wear 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 odour: Colourless liquid with tangerine odour.
Odour threshold: N/Av
pH: Approximately 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: May react with strong alkalis and strong reducing agents.

10d Conditions to avoid: Avoid contact with strong alkalis and strong reducing agents. Hydrogen Peroxide, a minor component of this product is a strong oxidizer. It is not flammable itself, but it can cause spontaneous combustion of flammable materials and continued support of the combustion because it liberates oxygen as it decomposes.

10e Incompatible materials
Strong alkalis and strong reducing agents.

10f Hazardous decomposition products:
With strong acids: heat, water vapour. With strong reducing agents: water vapours and oxygen.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.
Eye: May cause irritation, redness, tears, burning sensation.
Skin: May cause irritation. Contact may whiten skin for a few minutes.
Inhalation: Over-exposure by inhalation may cause respiratory irritation.
Ingestion: May cause slight irritation, headache, abdominal pain, diarrhoea, nausea and vomiting.

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

Teratogenicity, mutagenicity, other reproductive effects: Mutagenic tests have been negative for ingredients
Skin sensitization: Ingredients not sensitizing as per OECD 406
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 10,000 mg/Kg, oral, rat; our products are not tested on animals.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD_{50} (route, species)</th>
<th>LC_{50} # hours (species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium linear alkylbenzene sulfonate</td>
<td>&gt;2,000 mg/kg (oral, rat)</td>
<td>N/Av</td>
</tr>
<tr>
<td></td>
<td>1,080 mg/kg (dermal, rabbit)</td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>694 mg/kg (oral, rat)</td>
<td>N/Av</td>
</tr>
<tr>
<td></td>
<td>2,000 mg/kg (dermal, rabbit)</td>
<td></td>
</tr>
<tr>
<td>Ethoxylated alcohol</td>
<td>2,000 mg/kg (oral, rat)</td>
<td>N/Av</td>
</tr>
</tbody>
</table>

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity:

<table>
<thead>
<tr>
<th>TOXICITY (Fish)</th>
<th>Results</th>
<th>Exposure time</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium linear alkylbenzene sulfonate</td>
<td>Rainbow trout LC50 3.6 mg/L</td>
<td>96h</td>
<td>Not available</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>Fish: 16.4 mg/L</td>
<td>96H</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethoxylated alcohol</td>
<td>Fish: 70.7 mg/L</td>
<td>96H</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOXICITY (Daphnia)</th>
<th>Results</th>
<th>Exposure time</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium linear alkylbenzene sulfonate</td>
<td>EC50: 1.62 mg/L</td>
<td>48H</td>
<td>Not available</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>EC50: 7.7 mg/L</td>
<td>48H</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethoxylated alcohol</td>
<td>5.3 mg/L</td>
<td>48H</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOXICITY (Algebra)</th>
<th>Results</th>
<th>Exposure time</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium linear alkylbenzene sulfonate</td>
<td>Selenastrum capricornutum EC50 29 mg/L</td>
<td>96H</td>
<td>Not available</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>Selenastrum capricornutum EC50 = 4,05-21,26 mg/L</td>
<td>96H</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethoxylated alcohol</td>
<td>Selenastrum capricornutum EC50 = 4,01 mg/L</td>
<td>96H</td>
<td>Not available</td>
</tr>
</tbody>
</table>

12b Persistence and degradability: Product is expected to be readily biodegradable as per OECD 301.

12c Bioaccumulation potential: Not bio accumulating

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.
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/
Material Safety Data Sheet: SAFEBLEND DISH DETERGENT
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In Northwest territories, see http://www.enr.gov.nt.ca/programs/hazardous-waste
In Nova Scotia, see http://novascotia.ca/snsnr/paal/nse/paal180.asp
In Nunvaut, 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/matieres/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

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada:
Not regulated
UN number
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 2015 Classification:
See section 2a

CEPA information:
Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision 2017-11-03
References:
1. Manufacturer’s/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