

SECTION 1 IDENTIFICATION

Product Trade Name: Oxygenic
Recommended Use: EcoLogo Certified Peroxide-based cleaner
Restrictions on Use: For Industrial, Institutional and Food Plant use only
Manufacturer: Agromax Distributors Inc.
 1305 Halifax St. Regina Sask. (306) 347-4170
 Canada: Canutec 613-996-6666
 U.S.A.: Chemtrec 800-424-9300

Emergency Phone Number/ 24-Hour Number:

SECTION 2 HAZARD IDENTIFICATION

Physical Hazards: None
Health Hazards: SKIN CORROSION/IRRITATION - Category 2
 EYE DAMAGE/IRRITATION - Category 2A
 SENSITIZATION - SKIN - Category 1

Label Elements:



Signal word: Warning
Hazard Statement: H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.

Precautionary Statements:

Prevention: P264 Wash hands or affected area thoroughly after handling.
 P280 Wear protective gloves. Wear eye protection/face protection.
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.

Responses: P302 + P352 IF ON SKIN: Wash with plenty water.
 P321 Specific treatment (see supplemental first aid information on this label).
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.

Storage: Not regulated. Store in a cool, dry place. Keep container tightly closed. Keep out of reach of children.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approx. Wt.%	CAS Number
Hydrogen Peroxide	5-10	7722-84-1
D'limonene	0.1-2	5989-27-5

SECTION 4 FIRST-AID MEASURES

Inhalation: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and laundry before reuse. Contaminated work clothing must not be allowed out of the workplace.

Eye Contact: Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. Remove contact lenses, if present and easy to do. If irritation persists, repeat flushing and obtain medical attention immediately. Have an ophthalmologist make an evaluation of eye injury.

Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Call a Physician.

If irritation occurs or persists, get medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray.
Flammability: Not flammable.
Flash Point: Not flammable.
Special Firefighting Procedures: Do not use CO₂ extinguisher on this material. Use only water spray or appropriate foam. Do not use organic compounds on this material. Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.
Unusual Fire / Explosion Hazards: Not flammable but can cause spontaneous combustion of flammable materials and continued support of the combustion because it liberates oxygen as it decomposes. Drying of concentrated product on clothing or other combustible material may cause fire.
Hazardous Decomposition Products: Oxides of carbon.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Protection Precautions: Do not release to the environment or water source.
Steps To Be Taken In Case Material Is Released Or Spilled: Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers. Dispose recovered material in accordance with all local, provincial or Federal regulations.

SECTION 7 HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Keep out of reach of children. Store at temperatures below 30°C (86°F) and above 5°C (41°F).

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:
 OSHA (PEL): N/A
 ACGIH TLV: N/A
 Other exposure limit: N/A
Appropriate Engineering Controls: Good general ventilation.
Individual Protection Measures / Personal Protective Equipment:
Gloves: Non-permeable gloves (rubber, nitrile) recommended.
Masks/Goggles: Use chemical goggles or safety glasses.
Respirator: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas. Use an appropriate NIOSH-approved respirator or organic vapor respirator if exposure exceeds occupational exposure limits.
Apron: Depending upon conditions of use.
Boots: Depending upon conditions of use.
Other Protective Equipment: Eye wash, safety shower and full protective clothing recommended in the immediate work area.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid
Odor: Citrus scent
Odor threshold: N/A
pH: 5.5 – 6.5

Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	None to 100 °C
Evaporation Rate (Water=1):	N/A
Flammability:	Not flammable
Upper/Lower flammability or explosive limits:	None.
Vapor pressure:	N/A
Vapor density:	N/A
Relative density/Specific gravity (Water = 1):	1.035 @ 20 °C
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable
Decomposition temperature:	N/A
Viscosity:	N/A

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions.
Incompatibility:	Keep away from heat, sparks and flame. Avoid hot work and sources of ignition on or near empty containers. Reacts violently with a mixture of iodine pentafluoride and tetrafluoroethylene, causing fire and explosion hazard. Reacts with oxidants. Keep away from oxidizable materials, iron, copper, brass, bronze, chromium, zinc, lead, silver, manganese [Note: Contact with combustible material may result in SPONTANEOUS combustion]
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Oxides of carbon

SECTION 11 TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Skin turns white upon contact with the product. Mild skin irritation.
Acute Toxicity Estimates:	LD ₅₀ (oral, mouse) 21162 mg/kg
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH
D'limonene:	
LD ₅₀ (oral rat)	4400 mg/kg
LD ₅₀ (dermal rabbit)	> 2000 mg/kg
Hydrogen Peroxide:	
LD ₅₀ (oral rat)	1232 mg/kg
LD ₅₀ (dermal rabbit)	> 2000 mg/kg

SECTION 12 ECOLOGICAL INFORMATION

D'limonene:	
LC ₅₀ (Oncorhynchus mykiss):	35 mg/L 96 h
LC ₅₀ (Pimephales promelas):	0.619 - 0.796 mg/L 96 h flow-through
Hydrogen Peroxide:	
EC ₅₀ (Crustaceans):	Acute 2.4 mg/L 48 h
LC ₅₀ (Pimephales promelas):	Acute 16.4 mg/L 96 h
EC ₅₀ (Chlorella vulgaris):	Chronic 4.3 mg/L 72hr

SECTION 13 DISPOSAL CONSIDERATIONS

Recommended Waste Disposal Methods: Reuse if possible. Otherwise dispose recovered material in accordance with all local, State or Federal regulations.

SECTION 14 TRANSPORT INFORMATION

This product is classified as "Non-flammable, Non-hazardous, Not Restricted" for Transport purposes.

Canadian TDG

UN Number: Not regulated.
 UN Proper Shipping Name: Not regulated.
 Transport Hazard Class(es): Not regulated.
 Packing Group: Not regulated.

SECTION 15 REGULATORY INFORMATION

HAZARD RATING INFORMATION

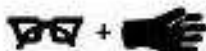
4=Extreme
 3=High
 2=Moderate
 1=Slight
 0=Insignificant

HMIS

1	Health
0	Flammability
0	Reactivity
B	Personal

A=Gloves, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

HMIS Protection
 Group B



All pertinent hazard information has been provided in this SDS, per the requirements of the U.S. Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalent Standards, and the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).

SECTION 16 OTHER INFORMATION

Acronym List:

ACGIH	American Conference of Governmental Industrial Hygienists
CFR	Code of Federal Regulations
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MSHA	Mine Safety and Health Administration
N/A	Not Available
NIOSH	The National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
UN	United Nations
WHMIS	Workplace Hazardous Materials Information System

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Agromax Distributors Inc.** will accept no liability for damages or loss incurred from the improper handling and use of this product.

The information provided in the Safety Data Sheet has been obtained from current sources and is believed to be reliable.

PREPARED BY: Technical Service/Regulatory Division

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