Safety Data Sheet Sections

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SECTION 1: IDENTIFICATION	
Product Trade Name:	Maxim Oxygenic
Product Code:	1300830
Recommended Use:	Ecologo™ certified concentrated peroxide-based cleaner. Canada Drug Identification Number (DIN) # 02497271
Restrictions on Use:	For Food Plant, Industrial and Institutional use only
Manufacturer Name:	Project Clean Inc.
Manufacturer Address:	1607 Derwent Way, Delta, B.C. Canada V3M 6K8
Manufacturer Phone Number:	800-663-9925
Email Address of Competent Person Responsible for the SDS:	regulatory@projectclean.com
Emergency Phone Number/ 24-Hour Number:	**Canada**: Canutec 613-996-6666 **U.S.A.**: Chemtrec 800-424-9300

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SECTION 2: HAZARD IDENTIFICATION	
Physical Hazards:	NONE
Health Hazards:	SKIN CORROSION/ IRRITATION – Category 2A
	EYE DAMAGE/ IRRITATION – Category 2A
	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) – Category 3
	SENSITIZATION – SKIN – Category 1
Symbol:	
Signal word:	WARNING
Hazard Statement:	H315 Causes skin irritation.
	H319 Causes serious eye irritation.
	H335 May cause respiratory irritation.
	H317 May cause an allergic skin reaction.
PRECAUTIONARY STATEMENTS	
Prevention:	P264 Wash hands and affected area thoroughly after handling.
	P280 Wear eye protection and protective gloves.
	P261 Avoid breathing fume/ mist/ vapours/ spray.
	P271 Use only outdoors or in a well-ventilated area.

SECTION 2: HAZARD IDENTIFICATION	
	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 + P317 + P362 + P364 If skin irritation or rash occurs: Get medical help. 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 + P317 If eye irritation persists: Get medical help.
	P304 + P340 + P319 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell.
	P312 Specific treatment (see supplement first aid information on this label).
Storage:	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
	P405 Store locked up.
Disposal:	P501 Dispose of contents/ container to an approved waste disposal plant.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	**Approx. Wt.%**	**CAS Number**
Hydrogen Peroxide	5-10	7722-84-1
Alcohol Ethoxylate	5-10	68991-48-0
D-Limonene	0.1-1	5989-27-5

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SECTION 4: FIRST-AID MEASURES	
General Information:	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
Inhalation:	Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Immediately flush exposed area with plenty of water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

SECTION 4: FIRST-AID MEASURES	
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.
Ingestion:	Do not induce vomiting. If the victim is fully conscious, give plenty of clean water to drink to dilute product. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing. Call a Physician.
Self-Protection of the First Aider:	Remove all sources of ignition. Ensure that first aid personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
Most Important Symptoms/ Effects, Acute and Delayed:	**Ingestion:** None reasonably foreseeable. **Inhalation:** None reasonably foreseeable. **Eyes and skin:** Irritating to eyes and skin. Repeated or prolonged skin contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.
If irritation occurs or persists, get medical attention.	

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SECTION 5: FIRE-FIGHTING MEASURES	
Suitable Extinguishing Media:	Water fog, dry chemical powder, carbon dioxide.
Unsuitable Extinguishing Media:	None known.
Flammability:	Not flammable.
Flash Point:	Not flammable.
Special Firefighting Procedures:	Wear NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces. Do not use CO_2 extinguisher on this material.
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:	Carbon dioxide, carbon monoxide.

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SECTION 6: ACCIDENTAL RELEASE MEASURES	
Environmental Protection Precautions:	Do not release to the environment or water source.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
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. Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

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SECTION 7: HANDLING AND STORAGE	
Precautions to be Taken in Handling and Storage:	Use good industrial hygiene. Do not get in eyes, on skin or on clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Keep out of reach of children. Store at temperatures below 30°C and keep from freezing. Do not store in metal or galvanized containers.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION		
EXPOSURE LIMITS:		
OSHA (PEL): N/A	ACGIH TLV: N/A	Other exposure limit: N/A
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT		
Appropriate Engineering Controls:	Good general ventilation.	
Skin Protection:	Hand Protection: Butyl rubber, neoprene, latex or nitrile gloves. Other Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Appropriate footwear should be selected based on the task being performed and the risks involved.	
Eye and Face Protection:	Safety glasses or splash goggles.	
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.	
Other Protective Equipment:	Eye wash, safety shower and full protective clothing recommended in the immediate work area.	

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Clear, colourless liquid.
Odour:	Citrus scent.
Odour threshold:	N/A
pH:	5.5-6.5

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	> 100°C
Evaporation Rate (Water=1):	N/A
Flammability:	Not flammable.
Upper/Lower flammability or explosive limits:	None.
Vapour pressure:	N/A
Vapour density:	N/A
Relative density/Specific gravity (Water = 1):	1.03 @ 20°C
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable
Decomposition temperature:	N/A
Viscosity:	Thin like water
VOCs:	N/A

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SECTION 10: STABILITY AND REACTIVITY	
Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Temperatures above 30°C and below 5°C. Keep away from heat, sparks and flame. Avoid hot work and sources of ignition or on near empty containers.
Incompatibility:	Oxidizing agents, iron, copper, brass, bronze, chromium, zinc, lead, silver, manganese. Contact with combustible material may result in spontaneous combustion.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide.

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SECTION 11: TOXICOLOGICAL INFORMATION	
Likely routes of exposure:	Ingestion, skin and eye contact.

SECTION 11: TOXICOLOGICAL INFORMATION	
Symptoms:	May cause serious irritation to eyes and skin. May cause irritation to respiratory track. D-limonene is a known skin sensitizer.
Acute Toxicity Estimates:	LD_{50} Oral ATE > 2000 mg/kg
	LD_{50} Dermal ATE > 2000 mg/kg
	LD_{50} Inhalation ATE: N/A
Skin Sensitization:	This product contains roughly 0.2% of D-Limonene (CAS# 5989-27-5) which is a known skin sensitizer.
Germinal Cell Mutagenicity:	Data available on components indicates no potential germinal cell mutagenicity.
Reproductive Toxicity:	Data available on components indicates no potential reproductive toxicity.
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH.
Aspiration Hazard:	Data available on components indicates no potential aspiration hazard.

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SECTION 12: ECOLOGICAL INFORMATION	
Toxicity to Fresh Water Algae:	**D-Limonene (CAS# 5989-27-5):** EC_{50} (Desmodesmus subspicatus (green algae)) 150 mg/L, Exposure Time: 72 h, Test Type: Static
Toxicity to Fish Species:	**D-Limonene (CAS# 5989-27-5):** LC_{50} (Pimephales promeals) 0.702 mg/L, Exposure Time, 96 h, Test Type: Flow-Through
	Hydrogen Peroxide (CAS# 7722-84-1): LC_{50} (Pimephales promeals) 16.4 mg/L, Exposure Time, 96 h, Test Type: N/A LC_{50} (Lepomis macrochirus) 18-56 mg/L, Exposure Time, 96 h, Test Type: Static LC_{50} (Oncorhynchus mykiss) 10.0-32.0 mg/L, Exposure Time, 96 h, Test Type: Static
	Alcohol Ethoxylate (CAS# 68991-48-0): LC_{50} (Fish) 70.1 mg/L, Exposure Time, 48h, Test Type: Static
Toxicity to Aquatic Invertebrates:	**D-Limonene (CAS# 5989-27-5):** EC_{50} (Daphnia magna (water flea)): 0.36 mg/L, Exposure Time: 48 h, Test Type: Static
	Hydrogen Peroxide (CAS# 7722-84-1): EC_{50} (Daphnia magna (water flea)): 18-32 mg/L, Exposure Time: 48 h, Test Type: N/A
	Alcohol Ethoxylate (CAS# 68991-48-0): EC_{50} (Daphnia magna (water flea)):

SECTION 12: ECOLOGICAL INFORMATION	
	5.3 mg/L, Exposure Time: 48h, Test Type: N/A
Persistence and degradability:	This product does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity. This product does not adversely inhibit a diverse aquatic range of organisms (animal, plant, bacteria) as required by the Ecologo™ program under UL2794.

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SECTION 13: DISPOSAL CONSIDERATIONS	
Recommended Waste Disposal Methods:	**PESTICIDE DISPOSAL** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. **CONTAINER DISPOSAL** – Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available or puncture and dispose of in a sanitary landfill. **(For containers 5 gallons or less):** Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **(For containers greater than 5 gallons):** Triple rinse container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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SECTION 14: TRANSPORT INFORMATION	
Canadian TDG UN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
Transport Hazard Class(es):	Not regulated.
Packing Group:	Not regulated.

SECTION 14: TRANSPORT INFORMATION	
Environmental Hazards:	Not available.
Special Precautions for User:	Not available.
Additional Information:	Not available.

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SECTION 15: REGULATORY INFORMATION

HAZARD RATING INFORMATION

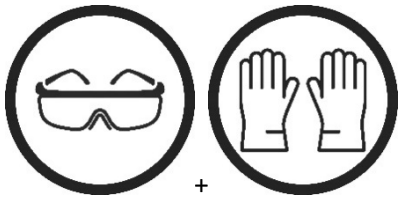
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

HMIS

1	Health
0	Flammability
0	Reactivity
B	Personal protection

B = Safety glasses + Gloves

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).

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SECTION 16: OTHER INFORMATION

ACRONYM LIST	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations
DSL/NDSL	Domestic Substances List/ Non-domestic Substance List
EC_{50}	Half maximal effective concentration

SECTION 16: OTHER INFORMATION	
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LC_{50}	Lethal concentration, 50%
LD_{50}	Lethal dose, 50%
MSHA	Mine Safety and Health Administration
N/A	Not Available
NIOSH	The National Institute for Occupational Safety and Health
N.O.S.	Not Otherwise Specified
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PNOC	Particulates not otherwise classified
PMMCC	Pensky-Martens Closed Cup
P_{ow}	Partition Coefficient Octanol: Water
SDS	Safety Data Sheets
STOT – SE	Specific Target Organ Toxicity – Single Exposure
STOT – RE	Specific Target Organ Toxicity – Repeated Exposure
TDG	Transportation of Dangerous Goods
TLV	Threshold Limit Value
UN	United Nations
VOCs	Volatile Organic Compounds
WEL	Workplace Exposure Limit
WHMIS	Workplace Hazardous Materials Information System

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It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. (formerly Maxim Chemical International 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.