

Project Clean

a naturally better tomorrow

Safety Data Sheet Sections


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PREPARED BY:

Regulatory Division
Project Clean Inc.
(formerly Maxim Chemical International Inc.)

LAST UPDATE:**2019-12-04**

SECTION 1: IDENTIFICATION	
Product Trade Name:	Project Clean Non-Toxic Peroxide Cleaner
Recommended Use:	Peroxide-based cleaner
Restrictions on Use:	For Food Plant, Industrial and Institutional use only
Manufacturer:	Project Clean Inc. 1607 Derwent Way, Delta, B.C. Canada V3M 6K8 800-663-9925
Emergency Phone Number/ 24-Hour Number:	Canada: Canutec 613-996-6666 U.S.A.: Chemtrec 800-424-9300

SECTION 2: HAZARD IDENTIFICATION	
Physical Hazards:	NONE
Health Hazards:	SKIN CORROSION/IRRITATION – Category 2 EYE DAMAGE/IRRITATION - Category 2A
Label Elements:	
Signal word:	Warning
Hazard Statement:	H315 Causes skin irritation. H319 Causes serious eye irritation.
PRECAUTIONARY STATEMENTS	
Prevention:	P264 Wash hands or affected area thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Responses:	P302 + P352 IF ON SKIN: Wash with plenty water. P321 Specific treatment (see supplemental first aid information on this label). P332 + P313 If skin irritation 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 + P317 If eye irritation persists: Get medical help.

SECTION 2: HAZARD IDENTIFICATION

Storage:	Not regulated. Store in a cool, dry place. Keep container tightly closed. Keep out of reach of children.
Disposal:	Not regulated. Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approx. Wt.%	CAS Number
Hydrogen Peroxide	1-5	7722-84-1

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 launder before reuse.
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 CO ₂ 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.

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SECTION 5: FIRE-FIGHTING MEASURES

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. Reuse if possible. Otherwise 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, on skin or on clothing. Avoid breathing dust. 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 (86°F) and keep from freezing. Do not store in metal 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
Appropriate Engineering Controls:	Good general ventilation.	

INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT

Gloves:	Non-permeable chemically resistant gloves (rubber, nitrile).
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.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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
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
Vapour pressure:	N/A
Vapour density:	N/A
Relative density/Specific gravity (Water = 1):	1.02 @ 20°C
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable
Decomposition temperature:	N/A
Viscosity:	Water thin
VOCs:	N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Keep away from heat, sparks and flame. Avoid hot work and sources of ignition on or near empty containers. Avoid temperatures above 30°C (86°F) and below 5°C (41°F).

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SECTION 10: STABILITY AND REACTIVITY

Incompatibility:	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 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. Irritate skin and eyes.
Acute Toxicity Estimates:	LD ₅₀ Oral > 2000 mg/kg LD ₅₀ Dermal > 2000 mg/kg
Skin Sensitization:	This product contains <0.1% 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.

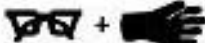
SECTION 12: ECOLOGICAL INFORMATION

Toxicity to Fresh Water Algae:	N/A
Toxicity to Fish Species:	N/A
Toxicity to Aquatic Invertebrates:	N/A
Persistence and degradability:	Readily biodegradable based on the components.
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 UL2759.	

SECTION 13: DISPOSAL CONSIDERATIONS

Recommended Waste Disposal Methods:	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
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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
Environmental Hazards:	Not classified as a marine pollutant.

SECTION 15: REGULATORY INFORMATION									
<p>HAZARD RATING INFORMATION</p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p>	<p>HMIS</p> <table border="1"> <tbody> <tr> <td style="background-color: #0070C0; color: white;">1</td> <td>Health</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">0</td> <td>Flammability</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">0</td> <td>Reactivity</td> </tr> <tr> <td style="background-color: #FFFFFF; color: black;">B</td> <td>Personal protection</td> </tr> </tbody> </table> <p>A=Gloves B=Goggles & Gloves C=Goggles, Gloves, & Apron</p>	1	Health	0	Flammability	0	Reactivity	B	Personal protection
1	Health								
0	Flammability								
0	Reactivity								
B	Personal protection								
<p>HMIS Protection Group B</p>									
<p>All components of this product are listed on DSL/NDSL. All pertinent hazard information has been provided in this SDS, as per the requirements of the Canadian Workplace Hazardous Materials Identification System Standards (CPR 4).</p>									

SECTION 16: OTHER INFORMATION	
ACRONYM LIST	
ACGIH	American Conference of Governmental Industrial Hygienists
CFR	Code of Federal Regulations
DSL/NDSL	Domestic Substances List/ Non-domestic Substance List
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

SECTION 16: OTHER INFORMATION	
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
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
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. 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.