

Project Clean


a naturally better tomorrow

Safety Data Sheet Sections

SECTION 1: IDENTIFICATION	2
SECTION 2: HAZARD IDENTIFICATION.....	2
PRECAUTIONARY STATEMENTS	2
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS	3
SECTION 4: FIRST-AID MEASURES.....	3
SECTION 5: FIRE-FIGHTING MEASURES.....	4
SECTION 6: ACCIDENTAL RELEASE MEASURES	4
SECTION 7: HANDLING AND STORAGE	4
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	4
EXPOSURE LIMITS:	4
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT	4
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	5
SECTION 10: STABILITY AND REACTIVITY	6
SECTION 11: TOXICOLOGICAL INFORMATION	6
SECTION 12: ECOLOGICAL INFORMATION.....	6
SECTION 13: DISPOSAL CONSIDERATIONS.....	7
SECTION 14: TRANSPORT INFORMATION	7
SECTION 15: REGULATORY INFORMATION.....	7
SECTION 16: OTHER INFORMATION	8
ACRONYM LIST	8

SECTION 1: IDENTIFICATION	
Product Trade Name:	Project Clean Powdered Oxygen Bleach
Product Code:	
Recommended Use:	Powdered oxygen bleach for laundry use
Restrictions on Use:	For 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

[Back to Top](#)

SECTION 2: HAZARD IDENTIFICATION	
Physical Hazards:	OXIDIZING SOLIDS – Category 2
Health Hazards:	EYE DAMAGE/ IRRITATION – Category 1
Label Elements:	
Signal word:	Danger
Hazard Statement:	H272 May intensify fire; oxidizer. H318 Causes serious eye damage.
PRECAUTIONARY STATEMENTS	
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 Keep away from clothing and other combustible materials. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Responses:	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor/physician. P370 + P378 In case of fire: Use water spray or appropriate foam to extinguish.

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SECTION 2: HAZARD IDENTIFICATION	
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
Sodium Carbonate Peroxyhydrate	7-13	15630-89-4

[Back to Top](#)

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.
Eye Contact:	Immediately flush with 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 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:	<p>Ingestion: May burn mouth and throat. May cause gastrointestinal irritation or ulceration.</p> <p>Inhalation: Low toxicity. Excessive exposure may cause severe irritation to the upper respiratory tract.</p> <p>Eyes and skin: May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Brief contact may cause mild skin irritation.</p>
If irritation occurs or persists, get medical attention.	

[Back to Top](#)

SECTION 5: FIRE-FIGHTING MEASURES	
Suitable Extinguishing Media:	Use water spray, dry chemical powder, appropriate foam.
Unsuitable Extinguishing Media:	None known.
Flammability:	Not flammable.
Flash Point:	Not flammable.
Special Firefighting Procedures:	Wear full protective equipment including a NIOSH/MSHA approved, self-contained breathing apparatus for firefighting situation. Use water spray to cool all nearby fire exposed surfaces.
Unusual Fire / Explosion Hazards:	Releases oxygen at high temperatures. Will release oxygen when heated, intensifying a fire. Fight fire from a safe distance and from protected location.
Hazardous Decomposition Products:	Sodium oxides, carbon oxides, oxygen.

[Back to Top](#)

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 including respiratory protection. Avoid dust formation. Sweep up and shovel material into an appropriate dry waste closed container. Keep material away from sewers. Reuse if possible, otherwise dispose recovered material in accordance with all local, provincial or federal regulations.

[Back to Top](#)

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.

[Back to Top](#)

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		

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
Appropriate Engineering Controls:	Good general ventilation or local exhaust ventilation for dust generated in confined areas.
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:	Use chemical goggles or safety glasses.
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.

[Back to Top](#)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	White powder
Odour:	Odourless
Odour threshold:	N/A
pH:	10-11 (3.1% solution)
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	Not flammable
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):	N/A
Solubility(ies):	100 g/L
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable
Decomposition temperature:	N/A
Viscosity:	N/A
VOCs%:	N/A

[Back to Top](#)

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SECTION 10: STABILITY AND REACTIVITY	
Reactivity:	May intensify fire, oxidizer
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	Reacts with reducing agents, reacts with flammable substances.
Conditions to avoid:	Excessive heat, moisture
Incompatibility:	Strong acids, reducing agents.
Hazardous Decomposition Products:	Sodium oxides, carbon oxides, oxygen.

[Back to Top](#)

SECTION 11: TOXICOLOGICAL INFORMATION	
Likely routes of exposure:	Skin, eyes, inhalation.
Symptoms:	Causes serious eye damage.
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:	Data available on components indicates no potential skin sensitization.
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.

[Back to Top](#)

SECTION 12: ECOLOGICAL INFORMATION	
Toxicity to Fresh Water Algae:	Sodium Carbonate Peroxyhydrate (CAS# 15630-89-4): LC ₅₀ (Pimephales promeals) 70.7 mg/L, Exposure Time, 96 h, Test Type: Static
Toxicity to Fish Species:	N/A
Toxicity to Aquatic Invertebrates:	N/A
Persistence and degradability:	N/A

[Back to Top](#)

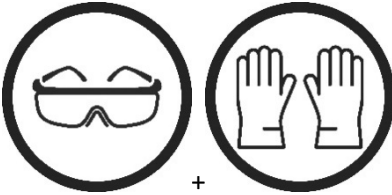
SECTION 13: DISPOSAL CONSIDERATIONS

Recommended Waste Disposal Methods:	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
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[Back to Top](#)**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 available.
Special Precautions for User:	Not available.
Additional Information:	Not available.

[Back to Top](#)**SECTION 15: REGULATORY INFORMATION**

HAZARD RATING INFORMATION 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant	<p style="text-align: center;">HMIS</p> <table border="1"> <tr> <td style="background-color: #0056b3; color: white; text-align: center;">1</td> <td>Health</td> </tr> <tr> <td style="background-color: #ff0000; color: white; text-align: center;">0</td> <td>Flammability</td> </tr> <tr> <td style="background-color: #ffff00; text-align: center;">1</td> <td>Reactivity</td> </tr> <tr> <td style="text-align: center;">B</td> <td>Personal protection</td> </tr> </table> <p style="text-align: center;">B = Safety Glasses + Gloves</p>	1	Health	0	Flammability	1	Reactivity	B	Personal protection
	1	Health							
0	Flammability								
1	Reactivity								
B	Personal protection								
HMIS Protection Group B									
<p>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).</p>									

[Back to Top](#)**PREPARED BY:**

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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
EC₅₀	Half maximal effective concentration
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LC₅₀	Lethal concentration, 50%
LD₅₀	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

[Back to Top](#)

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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.