

Project Clean

a naturally better tomorrow

Safety Data Sheet Sections

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

LAST UPDATE:

2020-05-21

SECTION 1: IDENTIFICATION	
Product Trade Name:	Project Clean Iodine Glass Cleaner
Product Code:	
Recommended Use:	Machine glass rinse and cleaner
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
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:	CORROSIVE TO METALS – Category 1
Health Hazards:	SKIN CORROSION/IRRITATION – Category 1
	EYE DAMAGE/IRRITATION – Category 1
Label Elements:	
Signal word:	Danger
Hazard Statement:	H290 May be corrosive to metals.
	H314 Causes severe skin burns and eye damage.
	H318 Causes serious eye damage
PRECAUTIONARY STATEMENTS	
Prevention:	P234 Keep only in original packaging.
	P260 Do not breathe dusts or mists.
	P264 Wash hands or affected area thoroughly after handling.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
Responses:	P390 Absorb spillage to prevent material damage.
	P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
	P363 Wash contaminated clothing before reuse

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LAST UPDATE:

2020-05-21

SECTION 2: HAZARD IDENTIFICATION	
	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P310 Immediately call a POISON CENTER/doctor/physician.
	P321 Specific treatment (see supplemental first aid information on this label).
	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage:	P406 Store in a corrosion resistant container with a resistant inner liner.
	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
Phosphoric Acid	3-7	7664-38-2
Titrateable Iodine	1-5	68439-46-3
Alcohol Ethoxylate	1-5	68439-51-0

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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:	Rinse skin. If irritation persists, obtain medical attention.
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.

SECTION 4: FIRST-AID MEASURES

Most Important Symptoms/ Effects, Acute and Delayed:	<p>Ingestion: May cause discomfort to upper gastrointestinal tract.</p> <p>Inhalation: May cause discomfort at various levels of the respiratory tract.</p> <p>Eyes and skin: Corrosive to eyes and skin.</p>
If irritation occurs or persists, get medical attention.	

[Back to Top](#)**SECTION 5: FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media:	Water fog, alcohol foam, or dry chemical.
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.
Unusual Fire / Explosion Hazards:	Contact with reactive metals may produce flammable hydrogen gas. Product heated by surrounding fire may evolve considerable dangerous iodine vapour.
Hazardous Decomposition Products:	Oxides of phosphorus. May include oxides or pyrolysis products of carbon, hydrogen, phosphorus and iodine.

[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. 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.

[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 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
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT		
Appropriate Engineering Controls:	Good general ventilation.	
Skin Protection:	Non-permeable chemically resistant gloves (rubber, nitrile). Rubber/PVC aprons when skin contact may occur. Rubber boots.	
Eye and Face Protection:	Use chemical goggles or safety glasses.	
Respiratory Protection:	Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.	
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:	Dark brown colour liquid, slightly viscous
Odour:	Antiseptic odour
Odour threshold:	N/A
pH:	1.5 – 3.0
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):	1.05 @ 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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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:	Avoid contact with acid/oxidizers. Will produce a very strong reaction with reducing agents.
Conditions to avoid:	Temperatures above 30°C and below 5°C. Avoid contact with reactive metals.
Incompatibility:	Corrosive to metals, producing flammable hydrogen gas. Not compatible with fluorine, strong oxidizing/reducing agents, bases, metals, sulfur trioxide, phosphorus pentoxide.
Hazardous Decomposition Products:	Oxides of phosphorus, and other unidentifiable organic compounds. Product heated by surrounding fire may evolve considerable dangerous iodine vapour.

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SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Corrosive to eyes and skin.
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 0.9% skin sensitizing component.
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:	N/A
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SECTION 12: ECOLOGICAL INFORMATION

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:	1805
UN Proper Shipping Name:	PHOSPHORIC ACID MIXTURE
Transport Hazard Class(es):	8
Packing Group:	III
Environmental Hazards:	Not available.
Special Precautions for User:	Not available.
Additional Information:	Limited Quantity Index: 5 Litres

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

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2020-05-21

SECTION 15: REGULATORY INFORMATION



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
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
P_{ow}	Partition Coefficient Octanol: Water
SDS	Safety Data Sheets
STOT – SE	Specific Target Organ Toxicity – Single Exposure

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LAST UPDATE:

2020-05-21

SECTION 16: OTHER INFORMATION	
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.