

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	5
EXPOSURE LIMITS:	5
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT	5
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	5
SECTION 10: STABILITY AND REACTIVITY	6
SECTION 11: TOXICOLOGICAL INFORMATION	6
SECTION 12: ECOLOGICAL INFORMATION.....	7
SECTION 13: DISPOSAL CONSIDERATIONS.....	7
SECTION 14: TRANSPORT INFORMATION	7
SECTION 15: REGULATORY INFORMATION.....	7
SECTION 16: OTHER INFORMATION	8
ACRONYM LIST	8

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

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SECTION 1: IDENTIFICATION	
Product Trade Name:	Project Clean Laundry Softener
Product Code:	
Recommended Use:	Laundry softener
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:	For Transportation Emergencies: Canutec 613-996-6666 Emergency Response Services: Chemtrec 800-424-9300

[Back to Top](#)

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
Symbol:	
Signal word:	WARNING
Hazard Statement:	H315 Causes skin irritation.
	H319 Causes serious eye irritation.
	H335 May cause respiratory irritation.
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.
Responses:	P302 + P352 IF ON SKIN: Wash with plenty water.
	P321 Specific treatment (see supplemental first aid information on this label).

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SECTION 2: HAZARD IDENTIFICATION	
	P332 + P317 + P362 + P364 If skin irritation 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.

[Back to Top](#)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	Approx. Wt.%	CAS Number
Tallow Amido Imidazolinum Methosulphate	7-13	68122-86-1
Isopropanol	1-5	67-63-0

[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. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician if feeling unwell.
Skin Contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing 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.
Ingestion:	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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SECTION 4: FIRST-AID MEASURES	
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: May cause respiratory irritation. Eyes and skin: Irritating to eyes. 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.	

[Back to Top](#)

SECTION 5: FIRE-FIGHTING MEASURES	
Suitable Extinguishing Media:	Water fog, alcohol foam, or dry chemical.
Unsuitable Extinguishing Media:	Do not use water jet as an extinguisher, as this will spread the fire.
Flammability:	Isopropanol is flammable.
Flash Point:	Not flammable.
Special Firefighting Procedures:	Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire. 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:	None.
Hazardous Decomposition Products:	Unidentified organic substances.

[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. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place

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Page 4 of 9

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2020-05-25

SECTION 7: HANDLING AND STORAGE

	away from incompatibles. Keep container closed when not in use. Keep out of reach of children. Store at temperatures below 30°C and above 5°C.
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[Back to Top](#)**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE LIMITS:**

OSHA (PEL): N/A	ACGIH TLV: N/A	Other exposure limit: N/A
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INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT

Appropriate Engineering Controls:	Mechanical ventilation (dilution or local exhaust).
Skin Protection:	Hand Protection: Butyl rubber, neoprene, latex or nitrile gloves. Other Skin Protection: Synthetic apron. Appropriate footwear should be selected based on the task being performed and the risks involved.
Eye and Face Protection:	Splash goggles.
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.

[Back to Top](#)**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Opaque, green liquid.
Odour:	Fresh scent.
Odour threshold:	N/A
pH:	4.0 – 5.0
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:	Isopropanol is flammable.
Upper/Lower flammability or explosive limits:	None
Vapour pressure:	N/A
Vapour density:	N/A
Relative density/Specific gravity (Water = 1):	1.0 @ 20 °C

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable
Decomposition temperature:	N/A
Viscosity:	<50cP @ 20 °C
VOCs:	N/A

[Back to Top](#)

SECTION 10: STABILITY AND REACTIVITY	
Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Temperatures above 30°C and below 5°C.
Incompatibility:	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	Unidentified organic substances.

[Back to Top](#)

SECTION 11: TOXICOLOGICAL INFORMATION	
Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Causes serious eye and skin irritation.
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:	N/A
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;">1</td> <td>Flammability</td> </tr> <tr> <td style="background-color: #ffff00; text-align: center;">0</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	1	Flammability	0	Reactivity	B	Personal protection
	1	Health							
1	Flammability								
0	Reactivity								
B	Personal protection								
HMIS Protection Group B									

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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).

[Back to Top](#)

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

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SECTION 16: OTHER INFORMATION	
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](#)

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.