




## 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

SECTION 1: IDENTIFICATION	
<b>Product Trade Name:</b>	Maxim Silver Pre-Soak
<b>Product Code:</b>	1100620
<b>Recommended Use:</b>	Pre-soak for cutlery
<b>Restrictions on Use:</b>	For Food Plant, Industrial and Institutional use only
<b>Manufacturer Name:</b>	Project Clean Inc.
<b>Manufacturer Address:</b>	1607 Derwent Way, Delta, B.C. Canada V3M 6K8
<b>Manufacturer Phone Number:</b>	<a href="tel:800-663-9925">800-663-9925</a>
<b>Email Address of Competent Person Responsible for the SDS:</b>	<a href="mailto:regulatory@projectclean.com">regulatory@projectclean.com</a>
<b>Emergency Phone Number/ 24-Hour Number:</b>	<b>For Transportation Emergencies:</b> Canutec <a href="tel:613-996-6666">613-996-6666</a> <b>Emergency Response Services:</b> Chemtrec <a href="tel:800-424-9300">800-424-9300</a>

[Back to Top](#)

SECTION 2: HAZARD IDENTIFICATION	
<b>Physical Hazards:</b>	None
<b>Health Hazards:</b>	SKIN CORROSION/IRRITATION – Category 1 EYE DAMAGE/IRRITATION – Category 1 SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE – Category 3
<b>Symbol:</b>	
<b>Signal word:</b>	DANGER
<b>Hazard Statement:</b>	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H335 May cause respiratory irritation.
PRECAUTIONARY STATEMENTS	
<b>Prevention:</b>	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands and affected area thoroughly after handling. P280 Wear protective gloves/ eye protection/ face protection.
<b>Responses:</b>	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].

SECTION 2: HAZARD IDENTIFICATION	
	P363 Wash contaminated clothing before reuse.
	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P308 + P311 If exposed or concerned call a POISON CENTRE/doctor.
	P310 Immediately call a POISON CENTER/doctor/physician.
	P321 Specific treatment (see supplemental first aid information on this label).
<b>Storage:</b>	P403 + P235 Store in a well-ventilated place. Keep cool.
	P405 Store locked up.
<b>Disposal:</b>	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
Sodium Carbonate	60-80	497-19-8
Trisodium Phosphate Dodecahydrate	7-13	10101-89-0
Sodium Tripolyphosphate	5-10	7758-29-4

[Back to Top](#)

SECTION 4: FIRST-AID MEASURES	
<b>General Information:</b>	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.
<b>Inhalation:</b>	Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin Contact:</b>	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.
<b>Eye Contact:</b>	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.
<b>Ingestion:</b>	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.

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**SECTION 4: FIRST-AID MEASURES**

<b>Self-Protection of the First Aider:</b>	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.
<b>Most Important Symptoms/ Effects, Acute and Delayed:</b>	<b>Ingestion:</b> Corrosive to digestive track. <b>Inhalation:</b> May cause respiratory irritation. <b>Eyes and skin:</b> Corrosive to eyes and skin.
<b>If irritation occurs or persists, get medical attention.</b>	

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

<b>Extinguishing Media:</b>	Use extinguishing media suitable for surrounding fires.
<b>Unsuitable Extinguishing Media:</b>	None known.
<b>Flammability:</b>	Not flammable.
<b>Flash Point:</b>	Not flammable.
<b>Special Firefighting Procedures:</b>	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.
<b>Unusual Fire / Explosion Hazards:</b>	None.
<b>Hazardous Decomposition Products:</b>	Carbon oxides, phosphorous oxides, sodium oxides.

[Back to Top](#)**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Environmental Protection Precautions:</b>	Do not release to the environment or water source.
<b>Steps to be Taken in Case Material is Released or Spilled:</b>	Wear protective equipment. Avoid dust formation. Sweep up material and dispose into an appropriate waste container. Flush area with water if appropriate. 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**

<b>Precautions to be Taken in Handling and Storage:</b>	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.
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**SECTION 7: HANDLING AND STORAGE**

	Keep container closed when not in use. Keep out of reach of children. Store at temperatures below 30°C.
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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
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**INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT**

<b>Appropriate Engineering Controls:</b>	Good general ventilation or local exhaust ventilation for dust generated in confined areas.
<b>Skin Protection:</b>	Hand Protection: Non-permeable gloves (rubber, nitrile) recommended. Other Skin Protection: Not required under normal use condition.
<b>Eye and Face Protection:</b>	Safety glasses if eye contact may occur.
<b>Respiratory Protection:</b>	Not required under normal use condition.
<b>Other Protective Equipment:</b>	Eye wash, safety shower and full protective clothing recommended in the immediate work area.

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

<b>Appearance:</b>	Blue powder.
<b>Odour:</b>	Odourless.
<b>Odour threshold:</b>	N/A
<b>pH:</b>	11.5 (3.1% solution).
<b>Melting point/Freezing point:</b>	N/A
<b>Initial boiling point and boiling range:</b>	N/A
<b>Flash Point:</b>	Not flammable.
<b>Evaporation Rate (Water=1):</b>	N/A
<b>Flammability:</b>	Not flammable.
<b>Upper/Lower flammability or explosive limits:</b>	None.
<b>Vapour pressure:</b>	N/A
<b>Vapour density:</b>	N/A
<b>Relative density/Specific gravity (Water = 1):</b>	N/A
<b>Solubility(ies):</b>	Soluble in water.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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](#)

## SECTION 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	None under recommended use conditions.
Conditions to avoid:	Excess heat and moisture. Temperatures above 30°C and below 5°C.
Incompatibility:	Strong acids, strong oxidizing agents, strong reducing agents.
Hazardous Decomposition Products:	Carbon oxides, phosphorous oxides, sodium oxides.

[Back to Top](#)

## SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Causes skin burns and eye damage. May cause irritation of the respiratory tract.
Acute Toxicity Estimates:	LD <sub>50</sub> Oral > 2000 mg/kg; LD <sub>50</sub> Dermal > 2000 mg/kg;
Carcinogenicity:	Not listed by NTP, IARC, OSHA, ACGIH.
Acute Toxicity Estimates:	LD <sub>50</sub> Oral ATE > 2000 mg/kg
	LD <sub>50</sub> Dermal ATE > 2000 mg/kg
	LD <sub>50</sub> Inhalation ATE: N/A
Skin Sensitization:	Data available on the 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](#)

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## SECTION 12: ECOLOGICAL INFORMATION

<b>Toxicity to Fresh Water Algae:</b>	N/A
<b>Toxicity to Fish Species:</b>	<b>Sodium Carbonate (CAS# 497-19-8):</b> LC <sub>50</sub> (Pimephales promelas) 310 - 1220 mg/L, Exposure Time, 96 h, Test Type: Static LC <sub>50</sub> (Lepomis macrochirus) 300 mg/L, Exposure Time: 96 h, Test Type: Static
<b>Toxicity to Aquatic Invertebrates:</b>	<b>Sodium Carbonate (CAS# 497-19-8):</b> EC <sub>50</sub> (Daphnia magna (water flea)): 265 mg/L, Exposure Time: 48 h, Test Type: N/A
<b>Persistence and degradability:</b>	N/A

[Back to Top](#)

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Recommended Waste Disposal Methods:</b>	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

<b>Canadian TDG UN Number:</b>	Not Regulated
<b>UN Proper Shipping Name:</b>	Not Regulated
<b>Transport Hazard Class(es):</b>	Not Regulated
<b>Packing Group:</b>	Not Regulated
<b>Environmental Hazards:</b>	Not available.
<b>Special Precautions for User:</b>	Not available.
<b>Additional Information:</b>	Not available.

[Back to Top](#)

## SECTION 15: REGULATORY INFORMATION

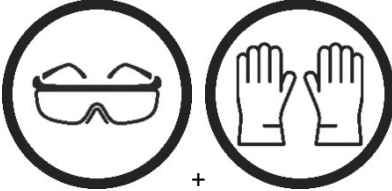
<b>HAZARD RATING INFORMATION</b>	<b>HMIS</b>	
	<b>1</b>	Health
<b>4 = Extreme</b> <b>3 = High</b> <b>2 = Moderate</b> <b>1 = Slight</b> <b>0 = Insignificant</b>	<b>0</b>	Flammability
	<b>0</b>	Reactivity
	<b>B</b>	Personal protection

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SECTION 15: REGULATORY INFORMATION	
	B = Safety glasses + Gloves
<b>HMIS Protection Group B</b>	
<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>	

[Back to Top](#)

SECTION 16: OTHER INFORMATION	
ACRONYM LIST	
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ATE</b>	Acute Toxicity Estimate
<b>CAS</b>	Chemical Abstracts Service
<b>CFR</b>	Code of Federal Regulations
<b>DSL/NDSL</b>	Domestic Substances List/ Non-domestic Substance List
<b>EC<sub>50</sub></b>	Half maximal effective concentration
<b>HMIS</b>	Hazardous Materials Identification System
<b>IARC</b>	International Agency for Research on Cancer
<b>LC<sub>50</sub></b>	Lethal concentration, 50%
<b>LD<sub>50</sub></b>	Lethal dose, 50%
<b>MSHA</b>	Mine Safety and Health Administration
<b>N/A</b>	Not Available
<b>NIOSH</b>	The National Institute for Occupational Safety and Health
<b>N.O.S.</b>	Not Otherwise Specified
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>PMMCC</b>	Pensky-Martens Closed Cup

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SECTION 16: OTHER INFORMATION	
<b>P<sub>ow</sub></b>	Partition Coefficient Octanol: Water
<b>SDS</b>	Safety Data Sheets
<b>STOT – SE</b>	Specific Target Organ Toxicity – Single Exposure
<b>STOT – RE</b>	Specific Target Organ Toxicity – Repeated Exposure
<b>TDG</b>	Transportation of Dangerous Goods
<b>TLV</b>	Threshold Limit Value
<b>UN</b>	United Nations
<b>VOCs</b>	Volatile Organic Compounds
<b>WEL</b>	Workplace Exposure Limit
<b>WHMIS</b>	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.