



Safety Data Sheet Sections

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SECTION 1: IDENTIFICATION	
Product Trade Name:	Promax HD Laundry
Recommended Use:	Powdered Laundry Detergent
Restrictions on Use:	For 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:	CORROSIVE TO METALS – Category 1
Health Hazards:	SKIN CORROSION/IRRITATION – Category 1
	EYE DAMAGE/IRRITATION – Category 1
	SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE – Category 3
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.
	H335 May cause respiratory irritation.
PRECAUTIONARY STATEMENTS	
Prevention:	P234 Keep only in original packaging.
	P261 Avoid breathing dust / fume/ gas/ mist/ vapours/ spray.
	P264 Wash hands and affected area thoroughly after handling.
	P271 Use only outdoor or in a well-ventilated area.
	P280 Wear protective gloves/ eye protection/ face protection.
Responses:	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.
	P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

SECTION 2: HAZARD IDENTIFICATION	
	P310 Immediately call a POISON CENTER/doctor/physician if you feel unwell.
	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P321 Specific treatment (see supplemental 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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	Approx. Wt.%	CAS Number
Sodium Carbonate	60-80	497-19-8
Alcohol Ethoxylate	5-10	68439-46-3
Sodium Metasilicate	1-5	6834-92-0

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 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.
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.
If irritation occurs or persists, get medical attention.	

SECTION 5: FIRE-FIGHTING MEASURES	
Extinguishing Media:	Use extinguishing media suitable for surrounding fires.
Flammability:	Not flammable.

SECTION 5: FIRE-FIGHTING MEASURES	
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:	None.
Hazardous Decomposition Products:	Carbon oxides, sodium oxides.

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. Sweep up and shovel material 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.

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. Keep out of reach of children. Store at temperatures below 30°C (86°F).

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 or local exhaust ventilation for dust generated in confined areas.	
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT		
Gloves:	Non-permeable gloves (rubber, nitrile) recommended.	
Masks/Goggles:	Use chemical goggles, safety glasses or face shield if eye contact may occur.	
Respirator:	Use NIOSH/MSHA approved dust respirator if product dust is generated.	
Apron:	Wear protective clothing to minimize skin contact.	
Boots:	Wear protective clothing to minimize skin contact.	

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:	Blue powder
Odour:	Lemon
Odour threshold:	N/A
pH:	11.8-12.5 (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):	1.08 g/ml
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable
Decomposition temperature:	N/A
Viscosity:	N/A
VOCs%:	N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Contact with acids will cause evolution of heat. Flammable hydrogen gas can be generated on prolonged contact of water solutions with sensitive metals (aluminum, brass, copper, lead, tin, zinc).
Incompatibility:	Strong acids, metals.

PREPARED BY:

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

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SECTION 10: STABILITY AND REACTIVITY

Hazardous Decomposition Products:	Carbon oxides, sodium oxides.
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SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin and eye contact, inhalation.
Symptoms:	Corrosive to eyes and skin. May cause irritation of the respiratory tract.
Acute Toxicity Estimates:	LD ₅₀ (oral) >2000 mg/kg; LD ₅₀ (dermal) > 2000 mg/kg
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.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to Fresh Water Algae:	Alcohol Ethoxylate (CAS# 68439-46-3): EC ₅₀ (Non-disclosed algae species) 10-100 mg/L, Exposure Time: 72 h, Test Type: N/A
Toxicity to Fish Species:	Sodium Carbonate (CAS# 497-19-8): LC ₅₀ (Pimephales promeals) 310 - 1220 mg/L, Exposure Time, 96 h, Test Type: Static LC ₅₀ (Lepomis macrochirus) 300 mg/L, Exposure Time: 96 h, Test Type: Static Sodium Metasilicate (CAS# 6834-92-0): LC ₅₀ (Brachydanio rerio) 210 mg/L, Exposure Time, 96 h, Test Type: Semi-static Alcohol Ethoxylate (CAS# 68439-46-3): LC ₅₀ (Non-disclosed fish species) 5-10 mg/L, Exposure Time, 96 h, Test Type: N/A
Toxicity to Aquatic Invertebrates:	Sodium Carbonate (CAS# 497-19-8): EC ₅₀ (Daphnia magna (water flea)): 265 mg/L, Exposure Time: 48 h, Test Type: N/A Alcohol Ethoxylate (CAS# 68439-46-3): EC ₅₀ (Daphnia magna (water flea)): 5-10 mg/L, Exposure Time: 48 h, Test Type: N/A
Persistence and degradability:	Alcohol Ethoxylate (CAS# 68439-46-3): Readily biodegradable.

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SECTION 13: DISPOSAL CONSIDERATIONS	
Recommended Waste Disposal Methods:	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

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

SECTION 15: REGULATORY INFORMATION									
<p>HAZARD RATING INFORMATION</p> <p>4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant</p>	<p style="text-align: center;">HMIS</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="background-color: #0070C0; color: white; text-align: center;">3</td> <td style="background-color: #0070C0; color: white;">Health</td> </tr> <tr> <td style="background-color: #FF0000; color: white; text-align: center;">0</td> <td style="background-color: #FF0000; color: white;">Flammability</td> </tr> <tr> <td style="background-color: #FFFF00; text-align: center;">0</td> <td style="background-color: #FFFF00;">Reactivity</td> </tr> <tr> <td style="text-align: center;">B</td> <td>Personal protection</td> </tr> </table> <p style="text-align: center;">A=Gloves B=Goggles & Gloves C=Goggles, Gloves, & Apron</p>	3	Health	0	Flammability	0	Reactivity	B	Personal protection
3	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

SECTION 16: OTHER INFORMATION	
MSHA	Mine Safety and Health Administration
N/A	Not Available
NIOSH	The National Institute for Occupational Safety and Health
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.