

Project Clean


a naturally better tomorrow

Safety Data Sheet Sections

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SECTION 1: IDENTIFICATION	
Product Trade Name:	Project Clean Hyper Concentrate Laundry Neutralizer
Product Code:	
Recommended Use:	Concentrated liquid laundry sour
Restrictions on Use:	For Food Plant, 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

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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
Symbol:	
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.

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SECTION 2: HAZARD IDENTIFICATION	
	P302 + P361 + P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
	P363 Wash contaminated clothing before reuse.
	P304 + P340 + P316 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately.
	P321 Specific treatment (see supplemental first aid information on this label).
	P305 + P354 + P338 + P317 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
Storage:	P405 Store locked up.
	P406 Store in a corrosion resistant container with a resistant inner liner.
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	30-60	7664-38-2
Hydroxyethanediphosphonic Acid	1-5	2809-21-4
Citric Acid	1-5	77-92-91

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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.
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.

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SECTION 4: FIRST-AID MEASURES	
Self-Protection of the First Aider:	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 skin burns.</p>
If irritation occurs or persists, get medical attention.	

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SECTION 5: FIRE-FIGHTING MEASURES	
Extinguishing Media:	Water fog, alcohol foam, or dry chemical.
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.
Hazardous Decomposition Products:	Oxides of phosphorus.

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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.

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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. Store in a cool, dry place away from incompatibles. Keep container closed

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SECTION 7: HANDLING AND STORAGE

	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.
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OSHA (PEL): N/A	ACGIH TLV: N/A	Other exposure limit: N/A
Appropriate Engineering Controls:	Good general ventilation.	

INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT

Gloves:	Chemical-resistant, impervious gloves.
Masks/Goggles:	Chemical splash goggles.
Respirator:	Not required for normal use of product. Respirator should be selected based on the task being performed and the risks involved.
Apron:	Not required for normal use of product. Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
Boots:	Appropriate footwear should be selected based on the task being performed and the risks involved.
Other Protective Equipment:	Eye wash station.

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Appearance:	Clear, red liquid.
Odour:	Acidic odour. No added fragrance.
Odour threshold:	N/A
pH:	< 1.0
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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Relative density/Specific gravity (Water = 1):	1.23 @ 20°C
Solubility(ies):	Soluble in water.
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	Not flammable.
Decomposition temperature:	N/A
Viscosity:	Thin like water.
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:	None known.
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.

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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:	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.

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SECTION 11: TOXICOLOGICAL INFORMATION

Aspiration Hazard:	Data available on components indicates no potential aspiration hazard.
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Toxicity to Fresh Water Algae:	N/A
Toxicity to Fish Species:	N/A
Toxicity to Aquatic Invertebrates:	N/A
Persistence and degradability:	N/A

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Recommended Waste Disposal Methods:	Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
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Canadian TDG UN Number:	1805
UN Proper Shipping Name:	PHOSPHORIC ACID, LIQUID
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	
	3	Health
	0	Flammability
	0	Reactivity
	C	Personal protection

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SECTION 15: REGULATORY INFORMATION	
	C = Safety glasses + Gloves + Apron
HMIS Protection Group C	
<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>	

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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/NDL	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

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SECTION 16: OTHER INFORMATION	
PNO	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

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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.