Safety Data Sheet Sections

SECTION 1: IDENTIFICATION	
Product Trade Name:	Maxim Prozyme Liquid Laundry
Product Code:	1201100
Recommended Use:	Liquid laundry detergent
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:	**Canada**: Canutec 613-996-6666 **U.S.A.**: Chemtrec 800-424-9300

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SECTION 2: HAZARD IDENTIFICATION	
Physical Hazards:	NONE
Health Hazards:	SKIN CORROSION/IRRITATION – Category 2
	EYE DAMAGE/IRRITATION – Category 1
	SENSITIZATION – SKIN – Category 1
	CARCINOGENICITY – Category 2
Label Elements:	
Signal word:	Danger
Hazard Statement:	H315 Causes skin irritation.
	H318 Causes serious eye damage
	H317 May cause an allergic skin reaction.
	H351 Suspected of causing cancer.
PRECAUTIONARY STATEMENTS	
Prevention:	P203 Obtain, read and follow all safety instructions before use.
	P264 Wash and rinse skin thoroughly after handling.
	P272 Contaminated work clothing should not be allowed out of the workplace.

SECTION 2: HAZARD IDENTIFICATION	
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
Responses:	P318 IF exposed or concerned, get medical advice.
	P302 + P352 IF ON SKIN: Wash with plenty of water.
	P321 Specific treatment (see supplemental first aid information on this label).
	P333 + P317 If skin irritation or rash occur: Get medical help.
	P362 + P364 Take off contaminated clothing and wash it before reuse.
	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.
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**
Alcohol Ethoxylate	10-30	68439-46-3
Benzenesulfonic acid, mono-C10-16-alkyl derivatives, compounds with 2-aminoethanol	7-13	68910-32-7
Propylene Glycol	3-7	57-55-6
Coconut Diethanolamide	1-5	68603-42-9
Sodium Lauryl Sulfate	1-5	151-21-3
Enzyme blend	1-5	mixture

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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.

SECTION 4: FIRST-AID MEASURES	
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.
Most Important Symptoms/ Effects, Acute and Delayed:	**Ingestion:** None reasonably foreseeable. **Inhalation:** None reasonably foreseeable. **Eyes and skin:** Corrosive to eyes. Repeated or prolonged skin contact may cause defatting and drying of skin which may result in skin irritation and dermatitis. May cause serious allergic skin reaction.
If irritation occurs or persists, get medical attention.	

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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:	None known.
Hazardous Decomposition Products:	The smoke may contain unidentified toxic and/or irritating compounds.

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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. 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.

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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).	
Eye and Face Protection:	Normally not required. Use chemical goggles or safety glasses when eye contact may occur.	
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:	Clear/hazy blue, slightly viscous liquid
Odour:	Pleasant scent
Odour threshold:	N/A
pH:	8.5 - 9.5
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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Relative density/Specific gravity (Water = 1):	1.04 @ 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
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 strong oxidizers, strong acids, strong bases.
Incompatibility:	Strong oxidizers, strong reducing agents, acids, bases.
Hazardous Decomposition Products:	Oxides of carbon. Oxides of sodium.

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SECTION 11: TOXICOLOGICAL INFORMATION	
Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Irritation 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:	0.21% of the ingredients are classified as a skin sensitizer.
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:	Coconut Diethanolamide (CAS#68603-42-9) is listed as Group 2B carcinogen by IARC. Group 2B – Possibly carcinogenic to humans.
Aspiration Hazard:	0.2 % of the ingredients are classified as an aspiration hazard.

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SECTION 12: ECOLOGICAL INFORMATION	
Toxicity to Fresh Water Algae:	N/A
Toxicity to Fish Species:	N/A
Toxicity to Aquatic Invertebrates:	**Coconut Diethanolamide (CAS# 68603-42-9):** LC_{50} (Daphnia magna) 3.3 mg/L, Exposure Time, N/A, Test Type: Static
Persistence and degradability:	N/A

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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.

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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 required.
Special Precautions for User:	Not required.
Additional Information:	Not required.

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SECTION 15: REGULATORY INFORMATION

HAZARD RATING INFORMATION

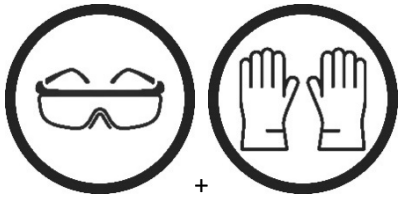
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

HMIS

2	Health
0	Flammability
0	Reactivity
B	Personal protection

B = Safety Glasses + Gloves

SECTION 15: REGULATORY INFORMATION

HMIS Protection **Group X**	

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).

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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
EC_{50}	Half maximal effective concentration
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LC_{50}	Lethal concentration, 50%
LD_{50}	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

SECTION 16: OTHER INFORMATION	
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.