



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 4

 EXPOSURE LIMITS: 4

 INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT 4

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES 5

SECTION 10: STABILITY AND REACTIVITY 5

SECTION 11: TOXICOLOGICAL INFORMATION 6

SECTION 12: ECOLOGICAL INFORMATION 6

SECTION 13: DISPOSAL CONSIDERATIONS..... 6


SECTION 14: TRANSPORT INFORMATION 6

SECTION 15: REGULATORY INFORMATION..... 7

SECTION 16: OTHER INFORMATION 7

 ACRONYM LIST 7

SECTION 1: IDENTIFICATION	
Product Trade Name:	Promax Prozyme Liquid Detergent
Recommended Use:	Liquid 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:	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:	P201 Obtain special instructions before use.
	P202 Do not handle until all safety precautions have been read and understood.
	P264 Wash hands or affected area thoroughly after handling.
	P272 Contaminated work clothing should not be allowed out of the workplace.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
Responses:	P308 + P313 IF exposed or concerned: Get medical advice/attention.
	P302 + P352 IF ON SKIN: Wash with plenty of water.

SECTION 2: HAZARD IDENTIFICATION	
	P321 Specific treatment (see supplemental first aid information on this label).
	P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
	P362 + P364 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.
	P310 Immediately call a POISON CENTER/doctor/physician.
Storage:	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
Benzenesulfonic acid, mono-C10-16-alkyl derivatives, compounds with 2-aminoethanol	7-13	68910-32-7
Alcohol Ethoxylate	10-30	68439-46-3
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

SECTION 4: FIRST-AID MEASURES	
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.
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:	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:	None known.
Hazardous Decomposition Products:	The smoke may contain unidentified toxic and/or irritating compounds.

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.

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 (86°F) and keep from freezing.

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.	
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT		
Gloves:	Non-permeable chemically resistant gloves (rubber, nitrile).	
Masks/Goggles:	Normally not required. Use chemical goggles or safety glasses when eye contact may occur.	

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respirator:	Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Apron:	Not required for normal use of product.
Boots:	Not required for normal use of product.
Other Protective Equipment:	Eye wash, safety shower and full protective clothing recommended in the immediate work area.

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
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

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	None known.

PREPARED BY:

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

LAST UPDATE:

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SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid:	Temperatures above 30°C (86°F) and below 5°C (41°F). Avoid strong oxidizers, strong acids, strong bases.
Incompatibility:	Strong oxidizers, strong reducing agents, acids, bases.
Hazardous Decomposition Products:	Oxides of carbon. Oxides of sodium.

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: > 2000 mg/kg, LD ₅₀ Dermal: > 2000 mg/kg
Carcinogenicity:	Coconut Diethanolamide (CAS#68603-42-9) is listed as Group 2B carcinogen by IARC. Group 2B – Possibly carcinogenic to humans.

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

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

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;">2</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;">X</td> <td>Personal protection</td> </tr> </table> <p style="text-align: center;">A=Gloves B=Goggles & Gloves C=Goggles, Gloves, & Apron</p>	2	Health	0	Flammability	0	Reactivity	X	Personal protection
2	Health								
0	Flammability								
0	Reactivity								
X	Personal protection								
<p>HMIS Protection Group X</p>	<p>Not required</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
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

SECTION 16: OTHER INFORMATION	
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.