


Maxim

Safety Data Sheet Sections

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SECTION 1: IDENTIFICATION	
Product Trade Name:	Maxim Max Laundry Plus
Product Code:	1200638
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:	For Transportation Emergencies: Canutec 613-996-6666 Emergency Response Services: 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
	CARCINOGENICITY – Category 2
	SENSITIZATION – SKIN – Category 1
	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) – Category 3
Label Elements:	
Signal word:	DANGER
Hazard Statement:	H315 Causes skin irritation.
	H318 Causes serious eye damage.
	H351 Suspected of causing cancer.
	H317 May cause an allergic skin reaction.
	H335 May cause respiratory irritation.
PRECAUTIONARY STATEMENTS	
Prevention:	P203 Obtain, read and follow all safety instructions before use.
	P264 Wash and rinse skin thoroughly after handling.

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SECTION 2: HAZARD IDENTIFICATION	
	P272 Contaminated work clothing should not be allowed out of the workplace.
	P280 Wear eye protection/ face protection.
	P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
	P270 Use only outdoors or in a well-ventilated area.
Responses:	P318 IF exposed or concerned, get medical advice.
	P302 + P352 IF ON SKIN: Wash with plenty water.
	P333 + P317 If skin irritation or rash occur: Get medical help.
	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.
	P362 + P364 Take off contaminated clothing and wash it before reuse.
	P304 + P340 + P319 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell.
Storage:	P405 Store locked up.
	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
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
Coconut Diethanolamide	1-5	68603-42-9
Dodecyl Benzenesulfonic Acid, Sodium Salt	1-5	25155-30-0
Dodecyl Benzenesulfonic Acid, DEA Salt	1-5	26545-53-9
Alcohol Ethoxylate	1-5	68439-46-3
Diethanolamine	0.1-1	111-42-2
Perfume	0.1-1	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:	Flood area with cool water for at least 20 minutes or until help arrives. Make sure water doesn't flow onto another part of the person's body or onto you. Don't use a strong stream of water, if possible. As you flush the burn (not before), remove jewelry or articles of clothing with chemical on them, unless they're stuck to the person's body. Don't try to neutralize the burn with acid or alkali. This could cause a chemical reaction that worsens the burn. Don't put antibiotic ointment on the burn.
Eye Contact:	Have the person immediately rinse the eye or eyes under a faucet, in a gentle shower, or with a clean container of water. Keep the person's face so that the injured eye is down and to the side. Avoid spraying a high-pressure water stream into the eye or eyes. Flush with lukewarm water for 15 to 30 minutes. For severe burns, continue flushing until you see a doctor or you arrive in an emergency room. The person should keep the eye open as wide as possible. Wash the person's hands thoroughly to make sure no chemical is still on them. Flush the eye to remove contact lenses. If they do not come out, try to gently remove them AFTER flushing. Do not rub the eye or place a bandage over the eye. While waiting for medical care, have the person wear sunglasses to decrease light sensitivity.
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: May cause respiratory irritation. Eyes and skin: Irritating to eyes. Repeated or prolonged skin contact may cause defatting and drying of skin which may result in skin irritation and dermatitis.
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:	Do not use water jet as an extinguisher, as this will spread the fire.

SECTION 5: FIRE-FIGHTING MEASURES	
Flammability:	Not flammable
Flash Point:	Not flammable
Special Firefighting Procedures:	Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire. 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:	Carbon oxides, sodium oxides

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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. 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.

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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. Keep out of reach of children. Store at temperatures below 30°C and above 5°C. Do not store in metal containers.

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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
Appropriate Engineering Controls:	Good general ventilation.	
INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT		
Appropriate Engineering Controls:	Mechanical ventilation (dilution or local exhaust).	
Skin Protection:	Hand Protection: Butyl rubber, neoprene, latex or nitrile gloves.	

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
	Other Skin Protection: Synthetic apron. Appropriate footwear should be selected based on the task being performed and the risks involved.
Eye and Face Protection:	Splash goggles.
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:	Blue viscous liquid
Odour:	No added fragrance
Odour threshold:	N/A
pH:	10.0-11.5
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):	1.05 @ 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

SECTION 10: STABILITY AND REACTIVITY	
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Temperatures above 30°C and below 5°C.
Incompatibility:	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous thermal decomposition products include but not limited to carbon oxides, and sodium oxides.

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SECTION 11: TOXICOLOGICAL INFORMATION	
Likely routes of exposure:	Ingestion, skin and eye contact.
Symptoms:	Causes serious eye damage. Prolonged skin contact may cause irritation.
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.
	Diethanolamine (CAS# 111-42-2) 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:	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:	Alcohol Ethoxylate (CAS# 68439-46-3): LC ₅₀ (Non-disclosed fish species) 5-10 mg/L, Exposure Time, 96 h, Test Type: N/A

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SECTION 12: ECOLOGICAL INFORMATION

Toxicity to Aquatic Invertebrates:	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.

[Back to Top](#)**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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[Back to Top](#)**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 available.
Special Precautions for User:	Not available.
Additional Information:	Not available.

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HAZARD RATING INFORMATION 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant	HMIS							
	<table border="1"> <tr> <td style="background-color: #0056b3; color: white;">1</td> <td>Health</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">0</td> <td>Flammability</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">0</td> <td>Reactivity</td> </tr> <tr> <td style="background-color: #cccccc; color: black;">B</td> <td>Personal protection</td> </tr> </table> <p>B = Safety glasses + Gloves</p>	1	Health	0	Flammability	0	Reactivity	B
1	Health							
0	Flammability							
0	Reactivity							
B	Personal protection							
HMIS Protection Group B								

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SECTION 15: REGULATORY INFORMATION



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).

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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
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
PNOC	Particulates not otherwise classified
P_{ow}	Partition Coefficient Octanol: Water
SDS	Safety Data Sheets
STOT – SE	Specific Target Organ Toxicity – Single Exposure

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SECTION 16: OTHER INFORMATION	
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.