



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 5

 EXPOSURE LIMITS: 5

 INDIVIDUAL PROTECTION MEASURES / PERSONAL PROTECTIVE EQUIPMENT 5

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES 5

SECTION 10: STABILITY AND REACTIVITY 6

SECTION 11: TOXICOLOGICAL INFORMATION 6

SECTION 12: ECOLOGICAL INFORMATION 6

SECTION 13: DISPOSAL CONSIDERATIONS..... 7


SECTION 14: TRANSPORT INFORMATION 7

SECTION 15: REGULATORY INFORMATION..... 7

SECTION 16: OTHER INFORMATION 7

 ACRONYM LIST 7

SECTION 1: IDENTIFICATION	
Product Trade Name:	Promax 2000-S
Recommended Use:	Heavy duty 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:	FLAMMABLE LIQUIDS – Category 3
Health Hazards:	SENSITIZATION – SKIN – Category 1
	SKIN CORROSION/ IRRITATION – Category 2
	EYE DAMAGE/ IRRITATION – Category 1
Label Elements:	
Signal word:	Danger
Hazard Statement:	H226 Flammable liquid and vapour.
	H317 May cause an allergic skin reaction.
	H315 Causes skin irritation.
	H318 Causes serious eye damage.
PRECAUTIONARY STATEMENTS	
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P243 Take action to prevent static discharges.
	P280 Wear protective gloves/ eye protection/ face protection.
	P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
	P264 Wash hands or affected area thoroughly after handling.
	P272 Contaminated work clothing should not be allowed out of the workplace.
Responses:	P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

SECTION 2: HAZARD IDENTIFICATION	
	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P370 + P378 In case of fire: Use water fog, alcohol foam or dry chemical to extinguish.
	P321 Specific treatment (see supplemental first aid information on this label).
	P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
	P310 Immediately call a POISON CENTER/ doctor.
	P362 + P364 Take off contaminated clothing and wash it before reuse.
Storage:	P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal:	P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredient	Approx. Wt.%	CAS Number
Alcohol Ethoxylates, mixture	10-30	68439-46-3, 68002-97-1
Ethylene Glycol Monobutylether	5-10	111-76-2
D' Limonene	3-7	5989-27-5

SECTION 4: FIRST-AID MEASURES	
Inhalation:	Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Rinse area with cool water for at least 20 minutes. If skin irritation or rash occurs: Get medical advice/attention.
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.

SECTION 4: FIRST-AID MEASURES

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:	Flammable liquid and vapour.
Flash Point:	53°C (Pensky Martens Closed Cup)
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:	Avoid heat, flames and sparks. Avoid contact with Aldehydes, halogens, strong acids, strong oxidizing agents, alkalis, amines, ethylene oxide, halogenated hydrocarbons, isocyanates, do not use with aluminum equipment at temperatures above 50°C (120 °F)
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide. 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. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30oC (86oF) 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 gloves (rubber, nitrile) recommended.	
Masks/Goggles:	Use chemical goggles or safety glasses when eye contact may occur.	
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 orange, slightly viscous liquid.
Odour:	Orange, citrus scent.
Odour threshold:	N/A
pH:	7.0 – 8.0
Melting point/Freezing point:	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	53 °C (Pensky Martens Closed Cup)
Evaporation Rate (Water=1):	N/A
Flammability:	Flammable liquid and vapour
Upper/Lower flammability or explosive limits:	None
Vapour pressure:	N/A
Vapour density:	N/A
Relative density/Specific gravity (Water = 1):	1.02 @ 20°C
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A

PREPARED BY:

Regulatory Division

Project Clean Inc.

(formerly Maxim Chemical International Inc.)

Page 5 of 8

LAST UPDATE:

2019-10-19

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VOCs%:	N/A
--------	-----

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical stability:	Stable under normal storage conditions
Possibility of hazardous reactions:	This product is flammable.
Conditions to avoid:	Avoid heat, flames and sparks. Do not use with aluminum equipment at temperatures above 50°C (120 °F). Do not freeze.
Incompatibility:	Avoid contact with Aldehydes, halogens, strong acids, strong oxidizing agents, alkalis, amines, ethylene oxide, halogenated hydrocarbons, isocyanates.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide. The smoke may contain unidentified toxic and/or irritating compounds.

SECTION 11: TOXICOLOGICAL INFORMATION


Likely routes of exposure:	Ingestion, skin and eye contact
Symptoms:	May cause mild irritation to eyes and skin. D'limonene (CAS# 5989-27-5) is a known skin sensitizer.
Acute Toxicity Estimates:	(oral) >2000 mg/kg, (dermal) >2000 mg/kg
Carcinogenicity:	D'limonene (CAS# 5989-27-5) is listed as Group 3 carcinogen by IARC. Group 3 – Not Classifiable as to Carcinogenicity in Humans

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to Fresh Water Algae:	D'limonene (CAS# 5989-27-5): EC ₅₀ (Desmodesmus subspicatus (green algae)) 150 mg/L, Exposure Time: 72 h, Test Type: Static
Toxicity to Fish Species:	D'limonene (CAS# 5989-27-5): LC ₅₀ (Pimephales promelas) 0.702 mg/L, Exposure Time, 96 h, Test Type: Flow-Through
Toxicity to Aquatic Invertebrates:	D'limonene (CAS# 5989-27-5): EC ₅₀ (Daphnia magna (water flea)): 0.36 mg/L, Exposure Time: 48 h, 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.

SECTION 14: TRANSPORT INFORMATION	
Canadian TDG UN Number:	1993
UN Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (D'limonene)
Transport Hazard Class(es):	3
Packing Group:	III

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;">1</td> <td style="background-color: #0070C0; color: white;">Health</td> </tr> <tr> <td style="background-color: #FF0000; color: white; text-align: center;">2</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>	1	Health	2	Flammability	0	Reactivity	B	Personal protection
1	Health								
2	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	Transportation of Dangerous Goods
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.