

### SECTION 1: Identification

#### 1.1. Product identifier

Trade name : PROMAX CITRICON  
Product code : 1200200

#### 1.2. Recommended use and restrictions on use

Recommended use : Heavy duty laundry detergent  
Restrictions on use : Industrial and Institutional use only

#### 1.3. Supplier

Project Clean Inc.  
12 James St N, Suite 201A  
Hamilton, Ontario L8R 2J9  
T 1 800 663 9925  
[regulatory@projectclean.com](mailto:regulatory@projectclean.com) - [www.projectclean.ca](http://www.projectclean.ca)

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Canada	CHEMTREC Chemical Emergency	<a href="http://www.chemtrec.com">www.chemtrec.com</a>	1 800 424 9300	24hr/day 7days/week within USA and Canada
Canada	CANUTEC Transportation Emergency	<a href="http://www.canutec.com">www.canutec.com</a>	1 888 226 8832 *666 on a cell phone	24hr/day 7days/week within USA and Canada

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Flammable liquids, Category 4	H227	Combustible liquid
Corrosive to metals, Category 1	H290	May be corrosive to metals.
Skin corrosion/irritation, Category 1	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Skin sensitisation, Category 1	H317	May cause an allergic skin reaction.

Full text of H-statements: see section 16

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

---

### 2.2. GHS Label elements, including precautionary statements

#### GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) :

Danger

Hazard statements (GHS CA) :

H227 - Combustible liquid  
H290 - May be corrosive to metals.  
H314 - Causes severe skin burns and eye damage.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.

Precautionary statements (GHS CA) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P234 - Keep only in original container.  
P260 - Do not breathe fume, mist, vapours, or spray.  
P261 - Avoid breathing fume, mist, vapour, or spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, eye protection .  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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 or doctor.  
P321 - Specific treatment (see supplemental first aid instruction on the product SDS).  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P390 - Absorb spillage to prevent material damage.  
P403 - Store in a well-ventilated place.  
P405 - Store locked up.

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

P406 - Store in corrosive resistant container with a resistant inner liner.  
P501 - Dispose of contents and or container to hazardous or special waste collection point, in accordance with local, regional, national and or international regulation.

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS CA)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	% w/w
C9-11, Ethoxylated Alcohol	(C9-C11) Alkyl alcohol, ethoxylate	CAS-No.: 68439-46-3	10 - 30
D-Limonene	(R)-1-Methyl-4-(1-methylethenyl)cyclohexene	CAS-No.: 5989-27-5	7 - 13
Glycol ether DPM	Dipropylene glycol monomethyl ether	CAS-No.: 34590-94-8	1 - 5
Sodium xylenesulphonate	Benzene sulfonic acid, dimethyl-, sodium salt	CAS-No.: 1300-72-7	1 - 5
Potassium hydroxide	Caustic potash aqueous solution	CAS-No.: 1310-58-3	1 - 5

*\*The exact concentrations have been withheld as a trade secret. Les concentrations exactes ont été retenues en tant que secret commercial.*

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice or attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Symptoms/effects after eye contact	: Serious damage to eyes.
Chronic symptoms	: No effects known.
Expected Symptoms/Effects, Acute and Delayed	: May cause dermatitis, eye irritation, corneal oedema and chemical burns. May cause skin irritation, dermatitis, or skin burns.

### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Unsuitable extinguishing media

No additional information available

### 5.3. Specific hazards arising from the hazardous product

Fire hazard	: Combustible liquid.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1.1. For non-emergency personnel

Protective equipment	: Protective goggles (EN 166). Protective clothing (EN 14605 or EN 13034). Safety glasses (EN 166). Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing fume, mist, vapours, or spray.

### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Ventilate area. Evacuate unnecessary personnel. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Cover spill with non combustible material, e.g.: sand or earth. Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.

### 6.2. Environmental precautions

Avoid release to the environment.

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing fume, mist, vapours, or spray.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool. Store in corrosive resistant container with a resistant inner liner. Keep only in original container.
- Incompatible materials : Metals.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Glycol ether DPM (34590-94-8)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	(2-Methoxymethylethoxy) propanol (Dipropylene glycol methyl ether, DPGME)
OEL TWA	606 mg/m <sup>3</sup>
OEL TWA	100 ppm
OEL STEL	909 mg/m <sup>3</sup>
OEL STEL	150 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Dipropylene glycolmonomethyl ether
VECD (OEL STEV)	909 mg/m <sup>3</sup>

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
VECD (OEL STEV)	150 ppm
VEMP (OEL TWAEV)	606 mg/m <sup>3</sup>
VEMP (OEL TWAEV)	100 ppm
Notations and remarks	Pc
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether [bis-(2-Methoxypropyl) ether (DPGME)]
OEL TWA	100 ppm
OEL STEL	150 ppm
Notations and remarks	Skin
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	50 ppm
Notations and remarks	TLV® Basis: Liver & CNS eff
Regulatory reference	ACGIH 2022
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	50 ppm
Notations and remarks	TLV® Basis: Liver & CNS eff
Regulatory reference	ACGIH 2022
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	50 ppm
Notations and remarks	TLV® Basis: Liver & CNS eff
Regulatory reference	ACGIH 2022

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	100 ppm
OEL STEL	150 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	100 ppm
OEL STEL	150 ppm
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	(2-Methoxymethylethoxy)propanol (DPGME)
OEL TWA	100 ppm
OEL STEL	150 ppm
Notations and remarks	Skin
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	50 ppm
Notations and remarks	TLV® Basis: Liver & CNS eff
Regulatory reference	ACGIH 2022
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
OEL TWA	100 ppm
OEL STEL	150 ppm
Notations and remarks	Skin

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether (DPGME)
ACGIH OEL TWA [ppm]	50 ppm
Remark (ACGIH)	TLV® Basis: Liver & CNS eff
Regulatory reference	ACGIH 2022
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Dipropylene glycol methyl ether
OSHA PEL TWA [1]	600 mg/m <sup>3</sup>
OSHA PEL TWA [2]	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
<b>Potassium hydroxide (1310-58-3)</b>	
<b>Canada (Alberta) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Notations and remarks	Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Regulatory reference	Alberta Regulation 191/2021
<b>Canada (Quebec) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
Plafond (OEL C)	2 mg/m <sup>3</sup>
Notations and remarks	RP, EM
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
<b>Canada (British Columbia) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)



# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Potassium hydroxide (1310-58-3)</b>	
<b>Canada (Manitoba) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
<b>Canada (Newfoundland and Labrador) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
<b>Canada (Nova Scotia) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
<b>Canada (Nunavut) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
<b>Canada (Northwest Territories) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
<b>Canada (Ontario) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Potassium hydroxide (1310-58-3)</b>	
<b>Canada (Prince Edward Island) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
<b>Canada (Saskatchewan) - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
OEL C	2 mg/m <sup>3</sup>
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Potassium hydroxide
ACGIH OEL C	2 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

<b>Materials for protective clothing:</b>
Nitrile rubber/PVC
<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Orange. Clear liquid.
Colour	: Cloudy pale orange
Odour	: Citrus scent
Odour threshold	: No data available
pH	: 13 - 14
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: No data available
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Upper and lower flammability or explosive limit	: No data available Not applicable
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1 - 1.05
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Thin like water
Explosive properties	: Not explosive.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: metals.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>PROMAX CITRICON</b>	
LD50 oral rat	≥ 3714,9 mg/kg
<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
LD50 oral rat	1378 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Dermal)
ATE CA (oral)	1378 mg/kg bodyweight
<b>D-Limonene (5989-27-5)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal, 7 day(s))
<b>Glycol ether DPM (34590-94-8)</b>	
LD50 oral rat	> 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 19020 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
LD50 dermal rabbit	9510 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 3000 mg/m <sup>3</sup> Source: ECHA
ATE CA (Dermal)	9510 mg/kg bodyweight

<b>Sodium xylenesulphonate (1300-72-7)</b>	
LD50 oral rat	> 7000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 6,41 mg/l (Equivalent or similar to OECD 403, 232 minutes, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))

<b>Potassium hydroxide (1310-58-3)</b>	
LD50 oral rat	273 mg/kg (Rat, Oral)
ATE CA (oral)	273 mg/kg bodyweight

Skin corrosion/irritation : Causes severe skin burns.  
Serious eye damage/irritation : Causes serious eye damage.  
Respiratory or skin sensitization : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

<b>Glycol ether DPM (34590-94-8)</b>	
STOT-single exposure	May cause respiratory irritation.

<b>Potassium hydroxide (1310-58-3)</b>	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

<b>Glycol ether DPM (34590-94-8)</b>	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:

Aspiration hazard : Not classified  
Likely routes of exposure : Skin and eyes contact. Inhalation. Ingestion.  
Expected Symptoms/Effects, Acute and Delayed : May cause dermatitis, eye irritation, corneal oedema and chemical burns. May cause skin irritation, dermatitis, or skin burns.

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.  
Symptoms/effects after eye contact : Serious damage to eyes.  
Chronic symptoms : No effects known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Partition coefficient n-octanol/water (Log Pow) No data available

<b>D-Limonene (5989-27-5)</b>	
LC50 - Fish [1]	720 µg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
LC50 - Fish [2]	702 µg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	0,307 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [2]	0,51 mg/l Test organisms (species): Daphnia magna
ErC50 algae	0,32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	0,32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0,214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
BCF - Fish [1]	864,8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4,38 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3,049 – 3,801 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
LC50 - Fish [1]	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Poecilia reticulata, Static system, Fresh water, Experimental value, GLP)
EC50 - Other aquatic organisms [1]	1930 mg/l Test organisms (species): other aquatic crustacea:
ErC50 algae	> 969 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	> 969 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 969 mg/l Source: ECHA
NOEC (chronic)	≥ 0,5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
Partition coefficient n-octanol/water (Log Pow)	0,004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
LOEC (chronic)	0,5 mg/l Test organisms (species): Daphnia magna Duration: '22 d'
<b>Sodium xylenesulphonate (1300-72-7)</b>	
LC50 - Fish [1]	> 1000 mg/l (EPA OTS 797.1400, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	> 1000 mg/l (EPA OTS 797.1300, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
EC50 96h - Algae [1]	≥ 230 mg/l (EPA OTS 797.1050, Selenastrum capricornutum, Static system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-3,12 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1,42 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
<b>Potassium hydroxide (1310-58-3)</b>	
LC50 - Fish [1]	80 mg/l (96 h, Gambusia affinis, Pure substance)

### 12.2. Persistence and degradability

Persistence and degradability

Contains readily biodegradable component(s).

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>D-Limonene (5989-27-5)</b>	
Persistence and degradability	Readily biodegradable in water.
ThOD	3,29 g O <sub>2</sub> /g substance
<b>Glycol ether DPM (34590-94-8)</b>	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0 g O <sub>2</sub> /g substance
ThOD	2,06 g O <sub>2</sub> /g substance
<b>Sodium xylenesulphonate (1300-72-7)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>Potassium hydroxide (1310-58-3)</b>	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

### 12.3. Bioaccumulative potential

Bioaccumulative potential Not established.

Partition coefficient n-octanol/water (Log Pow) No data available

<b>C9-11, Ethoxylated Alcohol (68439-46-3)</b>	
Bioaccumulative potential	No bioaccumulation data available.
<b>D-Limonene (5989-27-5)</b>	
Bioaccumulative potential	Potential for bioaccumulation ( $4 \leq \text{Log Kow} \leq 5$ ).
BCF - Fish [1]	864,8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4,38 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3,049 - 3,801 (log Koc, SRC PCKOCWIN v2.0, Calculated value)



# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	0,004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
<b>Sodium xylenesulphonate (1300-72-7)</b>	
Bioaccumulative potential	Not bioaccumulative.
Partition coefficient n-octanol/water (Log Pow)	-3,12 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1,42 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
<b>Potassium hydroxide (1310-58-3)</b>	
Bioaccumulative potential	Not bioaccumulative.

### 12.4. Mobility in soil

Ecology - soil No (test) data on mobility of the substance available.

Partition coefficient n-octanol/water (Log Pow) No data available

<b>D-Limonene (5989-27-5)</b>	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3,049 – 3,801 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	4,38 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
<b>Glycol ether DPM (34590-94-8)</b>	
Surface tension	68,7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Ecology - soil	Highly mobile in soil. Not toxic to plants.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Glycol ether DPM (34590-94-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	0,004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
<b>Sodium xylenesulphonate (1300-72-7)</b>	
Surface tension	71 mN/m (20 °C, 90 %, EU Method A.5: Surface tension)
Ecology - soil	Highly mobile in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1,42 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	-3,12 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C)
<b>Potassium hydroxide (1310-58-3)</b>	
Ecology - soil	No (test)data on mobility of the component(s) available.

### 12.5. Other adverse effects

Ozone : Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents and or container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available or puncture and dispose of in a sanitary landfill.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### 14.1. UN number

UN-No. (TDG) : UN1760

### 14.2. UN proper shipping name

Proper Shipping Name (TDG) : CORROSIVE LIQUID, N.O.S. (Cleaning liquid)

Transport document description (TDG) : UN1760 CORROSIVE LIQUID, N.O.S. (Cleaning liquid), 8, III

### 14.3. Transport hazard class(es)

#### TDG

Transport hazard class(es) (TDG) : 8

Hazard labels (TDG) : 8

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)



### 14.4. Packing group

Packing group (TDG) : III

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### TDG

UN-No. (TDG) : UN1760

TDG Special Provisions : 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).

(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

- (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.;
- (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.;
- (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.;
- (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or
- (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.

(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:

- (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or
- (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.

Explosive Limit and Limited Quantity Index : 5 L

Excepted quantities (TDG) : E1

Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 5 L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 15: Regulatory information

#### 15.1. National regulations

##### **C9-11, Ethoxylated Alcohol (68439-46-3)**

Listed on the Canadian DSL (Domestic Substances List)

##### **D-Limonene (5989-27-5)**

Listed on the Canadian DSL (Domestic Substances List)

##### **Glycol ether DPM (34590-94-8)**

Listed on the Canadian DSL (Domestic Substances List)

##### **Sodium xylenesulphonate (1300-72-7)**

Listed on the Canadian DSL (Domestic Substances List)

##### **Potassium hydroxide (1310-58-3)**

Listed on the Canadian DSL (Domestic Substances List)

#### 15.2. International regulations

##### **C9-11, Ethoxylated Alcohol (68439-46-3)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### **D-Limonene (5989-27-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### **Glycol ether DPM (34590-94-8)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### **Sodium xylenesulphonate (1300-72-7)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### **Potassium hydroxide (1310-58-3)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

# PROMAX CITRICON

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 16: Other information

Issue date : 11.30.2023

Full text of H-statements:	
H227	Combustible liquid
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

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. 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.