

SECTION 1: Identification

1.1. Product identifier

Trade name : PROMAX MAX NEUTRASOFT
Product code : 1200647

1.2. Recommended use and restrictions on use

Recommended use : Laundry neutralizer and softener
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 - www.projectclean.ca

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Canada	CHEMTREC Chemical Emergency	www.chemtrec.com	1 800 424 9300	24hr/day 7days/week within USA and Canada
Canada	CANUTEC Transportation Emergency	www.canutec.com	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)

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.

Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

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Hazard statements (GHS CA)	: H290 - May be corrosive to metals. H314 - Causes severe skin burns and eye damage. H318 - Causes serious eye damage.
Precautionary statements (GHS CA)	: P234 - Keep only in original container. P260 - Do not breathe fume, gas, mist, vapours, or spray. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves, protective clothing, and eye protection. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting 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). P363 - Wash contaminated clothing before reuse. P390 - Absorb spillage to prevent material damage. P405 - Store locked up. 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

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3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	% w/w
Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates	Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates	CAS-No.: 68122-86-1	7 – 13
Phosphoric acid	Orthophosphoric acid	CAS-No.: 7664-38-2	5 – 10
Oxalic Acid	Dicarboxylic acid	CAS-No.: 144-62-7	3 – 7
2-Propanol or IPA 99%	1-methylethanol	CAS-No.: 67-63-0	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 : Rinse skin with water or shower. Take off immediately all contaminated clothing. Call a physician immediately.
- 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 : Rinse mouth. Do not induce vomiting. Call a physician immediately.
- First-aid measures general : Call a physician immediately.

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

- Symptoms/effects after skin contact : Burns.
- Symptoms/effects after eye contact : Serious damage to eyes.
- Symptoms/effects after ingestion : Burns.
- 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. Respiratory or skin sensitisation.

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.

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5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

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). Safety glasses (EN 166). Protective clothing (EN 14605 or EN 13034).
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe fume, gas, 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. Cover spill with non combustible material, e.g.: sand or earth. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
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. Avoid contact with skin and eyes. Do not breathe fume, gas, mist, vapours, or spray. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. 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 corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible products : Strong oxidizing agents. Strong reducing agents. phosphorus pentoxide. Bases.

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Incompatible materials : Metals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-Propanol or IPA 99% (67-63-0)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	2-Propanol (Isopropyl alcohol, isopropanol)
OEL TWA	492 mg/m ³
OEL TWA	200 ppm
OEL STEL	984 mg/m ³
OEL STEL	400 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
VECD (OEL STEV)	1230 mg/m ³
VECD (OEL STEV)	500 ppm
VEMP (OEL TWAEV)	985 mg/m ³
VEMP (OEL TWAEV)	400 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Isopropanol (Isopropyl alcohol, 2-Propanol)
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI

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2-Propanol or IPA 99% (67-63-0)	
Regulatory reference	ACGIH 2022
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	Eye & URT irr; CNS impair
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA	200 ppm

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2-Propanol or IPA 99% (67-63-0)	
OEL STEL	400 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA	200 ppm
OEL STEL	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA	200 ppm
OEL STEL	400 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
USA - ACGIH - Occupational Exposure Limits	
Local name	2-Propanol
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	400 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure Indices	
Local name	2-PROPANOL

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2-Propanol or IPA 99% (67-63-0)	
BEI	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OSHA PEL TWA [1]	980 mg/m ³
OSHA PEL TWA [2]	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Oxalic Acid (144-62-7)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Oxalic acid
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
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
Canada (Quebec) - Occupational Exposure Limits	
Local name	Oxalic acid
VECD (OEL STEV)	2 mg/m ³
VEMP (OEL TWAEV)	1 mg/m ³
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous

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Oxalic Acid (144-62-7)	
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2023
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Oxalic acid
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Notations and remarks	URT, eye, & skin irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2023
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2023
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Oxalic acid
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Oxalic acid

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Oxalic Acid (144-62-7)	
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2023
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Oxalic acid
OEL TWA	1 mg/m ³
OEL STEL	2 mg/m ³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
USA - ACGIH - Occupational Exposure Limits	
Local name	Oxalic acid, anhydrous
ACGIH OEL TWA	1 mg/m ³
ACGIH OEL STEL	2 mg/m ³
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Oxalic acid
OSHA PEL TWA [1]	1 mg/m ³

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Oxalic Acid (144-62-7)	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Phosphoric acid (7664-38-2)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
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
Canada (Quebec) - Occupational Exposure Limits	
Local name	Phosphoric acid
VECD (OEL STEV)	3 mg/m ³
VEMP (OEL TWA EV)	1 mg/m ³
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Phosphoric acid

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Phosphoric acid (7664-38-2)	
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Notations and remarks	URT, eye, & skin irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³

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Phosphoric acid (7664-38-2)	
OEL STEL	3 mg/m ³
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Notations and remarks	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Phosphoric acid
OEL TWA	1 mg/m ³
OEL STEL	3 mg/m ³
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
USA - ACGIH - Occupational Exposure Limits	
Local name	Phosphoric acid
ACGIH OEL TWA	1 mg/m ³
ACGIH OEL STEL	3 mg/m ³
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Phosphoric acid
OSHA PEL TWA [1]	1 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

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

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8.3. Individual protection measures/Personal protective equipment

Materials for protective clothing:
Nitrile rubber/PVC
Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
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	: Creamy. Clear, pink liquid.
Colour	: pink
Odour	: Neutral aroma
Odour threshold	: No data available
pH	: < 2
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
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

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Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1.05 – 1.1
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Explosive limits	: No data available

9.2. Other information

No additional information available

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	: None under recommended storage and handling conditions (see section 7).
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

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LD50 oral rat	≥ 7000 mg/kg
LD50 dermal rat	≥ 11940 mg/kg
Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates (68122-86-1)	
LD50 oral rat	> 2000 mg/kg Source: BASF
2-Propanol or IPA 99% (67-63-0)	
LD50 oral rat	5840 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral, 14 day(s))

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2-Propanol or IPA 99% (67-63-0)	
LD50 dermal rabbit	16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat [ppm]	> 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CA (oral)	5840 mg/kg bodyweight
ATE CA (Dermal)	12890400 mg/kg bodyweight
Oxalic Acid (144-62-7)	
LD50 oral rat	375 mg/kg bodyweight (Rat, Female, Experimental value, Oral)
LD50 dermal rabbit	20000 mg/kg bodyweight (Rabbit, Experimental value, Dermal)
ATE CA (oral)	500 mg/kg bodyweight
ATE CA (Dermal)	1100 mg/kg bodyweight
Phosphoric acid (7664-38-2)	
LD50 oral rat	3500 mg/kg Source: ECHA
LD50 dermal rabbit	2740 mg/kg Source: ECHA
ATE CA (oral)	3500 mg/kg bodyweight
ATE CA (Dermal)	2740 mg/kg bodyweight
Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates (68122-86-1)	
STOT-single exposure	May cause drowsiness or dizziness.
2-Propanol or IPA 99% (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified

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Oxalic Acid (144-62-7)	
NOAEL (oral, rat, 90 days)	≈ 63 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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. Respiratory or skin sensitisation.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.
Chronic symptoms	: No effects known.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

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

Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates (68122-86-1)	
LC50 - Fish [1]	59 mg/l Source: e-ChemPortal/HPVIS
2-Propanol or IPA 99% (67-63-0)	
LC50 - Fish [1]	9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
Partition coefficient n-octanol/water (Log Pow)	0,05 (Weight of evidence approach, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,185 – 0,541 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Oxalic Acid (144-62-7)	
LC50 - Fish [1]	160 mg/l (48 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	162,2 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, Locomotor effect)

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Oxalic Acid (144-62-7)	
ErC50 algae	20,58 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	19,83 – 21,35 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	18,39 – 19,92 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
Partition coefficient n-octanol/water (Log Pow)	-1,7 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,8 (log Koc, Experimental value)
Phosphoric acid (7664-38-2)	
LC50 - Fish [1]	75,1 mg/l Source: ECHA
EC50 - Crustacea [1]	100 mg/l Source: ECHA
EC50 72h - Algae [1]	> 100 mg/l Source: ECHA

12.2. Persistence and degradability

Persistence and degradability Contains readily biodegradable component(s).

2-Propanol or IPA 99% (67-63-0)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1,19 g O ₂ /g substance
Chemical oxygen demand (COD)	2,23 g O ₂ /g substance
ThOD	2,4 g O ₂ /g substance
Oxalic Acid (144-62-7)	
Persistence and degradability	Readily biodegradable in the soil. Readily biodegradable in water. Readily biodegradable in water in anaerobic conditions.
Biochemical oxygen demand (BOD)	0,16 g O ₂ /g substance
Chemical oxygen demand (COD)	0,18 g O ₂ /g substance
ThOD	0,18 g O ₂ /g substance

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Phosphoric acid (7664-38-2)	
Persistence and degradability	Biodegradability: not applicable.

12.3. Bioaccumulative potential

Bioaccumulative potential	Not established.
Partition coefficient n-octanol/water (Log Pow)	No data available

2-Propanol or IPA 99% (67-63-0)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	0,05 (Weight of evidence approach, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,185 – 0,541 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Oxalic Acid (144-62-7)	
Bioaccumulative potential	Not bioaccumulative.
Partition coefficient n-octanol/water (Log Pow)	-1,7 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,8 (log Koc, Experimental value)

Phosphoric acid (7664-38-2)	
Bioaccumulative potential	No test data of component(s) available.

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

2-Propanol or IPA 99% (67-63-0)	
Surface tension	No data available (test not performed)
Ecology - soil	Highly mobile in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,185 – 0,541 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	0,05 (Weight of evidence approach, 25 °C)
Oxalic Acid (144-62-7)	
Surface tension	70,1 mN/m (25 °C, 15 mg/l)

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Oxalic Acid (144-62-7)	
Ecology - soil	Highly mobile in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0,8 (log Koc, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-1,7 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 23 °C)
Phosphoric acid (7664-38-2)	
Ecology - soil	Highly mobile in soil.

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) : UN1805

14.2. UN proper shipping name

Proper Shipping Name (TDG) : PHOSPHORIC ACID, SOLUTION

Transport document description (TDG) : UN1805 PHOSPHORIC ACID, SOLUTION, 8, III

14.3. Transport hazard class(es)

TDG

Transport hazard class(es) (TDG) : 8

Hazard labels (TDG) : 8



14.4. Packing group

Packing group (TDG) : III

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

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

TDG

UN-No. (TDG)	: UN1805
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 5 L
Emergency Response Guide (ERG) Number	: 154

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

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates (68122-86-1)

Listed on the Canadian DSL (Domestic Substances List)

2-Propanol or IPA 99% (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

Oxalic Acid (144-62-7)

Listed on the Canadian DSL (Domestic Substances List)

Phosphoric acid (7664-38-2)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Imidazolium compound, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates (68122-86-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

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

2-Propanol or IPA 99% (67-63-0)

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

Oxalic Acid (144-62-7)

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

Phosphoric acid (7664-38-2)

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

SECTION 16: Other information

Issue date : 12.03.2023

Full text of H-statements:

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
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.