

SECTION 1: Identification

1.1. Product identifier

Product name : PERFECT HARMONY 25
Product code : 14010201

1.2. Recommended use and restrictions on use

Recommended use : All-natural bio eliminator
Restrictions on use : For professional use only

1.3. Supplier

Project Clean Inc.
12 James St N, Suite 202
Hamilton, Ontario L8R 2J9
T 1 800 663 9925
www.projectclean.ca

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)



Flammable liquids, Category 3	H226	Flammable liquid and vapour
Corrosive to metals, Category 1	H290	May be corrosive to metals
Skin corrosion/irritation, Category 1A	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

Hazard statements (GHS CA) :

- H226 - Flammable liquid and vapour
- H290 - May be corrosive to metals
- H314 - Causes severe skin burns and eye damage

PERFECT HARMONY 25

Safety Data Sheet

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

Precautionary statements (GHS CA) :

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P234 - Keep only in original packaging.
- P240 - Ground and bond container and receiving equipment.
- P241 - Use explosion-proof equipment.
- P242 - Use non-sparking tools.
- P243 - Take action to prevent static discharges.
- 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 and face 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 a doctor.
- P321 - Specific treatment (see supplemental first aid instruction on the SDS or on this label).
- P363 - Wash contaminated clothing before reuse.
- P370+P378 - In case of fire: Use appropriate media to extinguish.
- P390 - Absorb spillage to prevent material-damage.
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.
- P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

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

PERFECT HARMONY 25

Safety Data Sheet

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

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	% w/w
Acetic acid	Acetic acid	CAS-No.: 64-19-7	10 – 30

**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. If medical advice is needed, have product container or label at hand. If possible, approach victim and check vital functions.

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

- Symptoms/effects after inhalation : None under normal conditions.
- 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.

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

- Unsuitable extinguishing media : Do not use a heavy water stream.

PERFECT HARMONY 25

Safety Data Sheet

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

5.3. Specific hazards arising from the hazardous product

- Fire hazard : Flammable liquid and vapour.
- Explosion hazard : No direct explosion hazard.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.4. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- 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

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. 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. For further information refer to section 8: "Exposure controls or personal protection".
- Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
- 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.

PERFECT HARMONY 25

Safety Data Sheet

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

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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe fume, gas, mist, vapours, or spray.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.
- Incompatible products : Strong acids.
- Incompatible materials : Metals.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetic acid (64-19-7)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	25 mg/m ³
OEL TWA	10 ppm
OEL STEL	37 mg/m ³
OEL STEL	15 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
Local name	Acetic acid

PERFECT HARMONY 25

Safety Data Sheet

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

Acetic acid (64-19-7)	
VECD (OEL STEV)	37 mg/m ³
VECD (OEL STEV)	15 ppm
VEMP (OEL TWAEV)	25 mg/m ³
VEMP (OEL TWAEV)	10 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	TLV® Basis: URT & eye irr; pulm func
Regulatory reference	ACGIH 2023
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	URT & eye irr; pulm func
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	TLV® Basis: URT & eye irr; pulm func
Regulatory reference	ACGIH 2023

PERFECT HARMONY 25

Safety Data Sheet

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

Acetic acid (64-19-7)	
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	TLV® Basis: URT & eye irr; pulm func
Regulatory reference	ACGIH 2023
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWAEV	10 ppm
OEL TWAEV	15 ppm
Regulatory reference	Ontario Occuational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Notations and remarks	TLV® Basis: URT & eye irr; pulm func

PERFECT HARMONY 25

Safety Data Sheet

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

Acetic acid (64-19-7)	
Regulatory reference	ACGIH 2023
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	10 ppm
OEL STEL	15 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
USA - ACGIH - Occupational Exposure Limits	
Local name	Acetic acid
ACGIH® TLV® TWA	10 ppm
ACGIH® TLV® STEL	15 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr; pulm func
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Acetic acid
OSHA PEL TWA	25 mg/m ³
OSHA PEL TWA	10 ppm
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.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Materials for protective clothing:
Nitrile rubber/PVC
Hand protection:
Protective gloves

PERFECT HARMONY 25

Safety Data Sheet

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

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	: Clear, Colourless liquid.
Colour	: Colourless
Odour	: vinegar odour
Odour threshold	: No data available
pH	: No data available
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	: 110 – 120 °C
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	: 1,01 – 1,05
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.

PERFECT HARMONY 25

Safety Data Sheet

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

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity : Flammable liquid and vapour.
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

Acetic acid (64-19-7)	
LD50 oral rat	3310 mg/kg bodyweight Animal: rat
LD50 oral	4960 mg/kg bodyweight Animal: mouse
LD50 dermal rabbit	1060 mg/kg Source: HSDB, NITE
LC50 Inhalation - Rat [ppm]	16000 ppm Source: ChemIDPlus
ATE CA (Dermal)	1100 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
STOT-repeated exposure : Not classified

PERFECT HARMONY 25

Safety Data Sheet

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

Acetic acid (64-19-7)	
NOAEL (oral, rat, 90 days)	290 mg/kg bodyweight Animal: rat, Animal sex: male

Aspiration hazard : Not classified

PERFECT HARMONY 25	
Viscosity, kinematic	No data available

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.
Symptoms/effects after inhalation : None under normal conditions.
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

PERFECT HARMONY 25	
Partition coefficient n-octanol/water (Log Pow)	No data available
Acetic acid (64-19-7)	
LC50 - Fish [1]	> 1000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
LC50 - Fish [2]	> 300,82 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	> 300,82 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Skeletonema costatum
EC50 72h - Algae [2]	> 300,82 mg/l Test organisms (species): Skeletonema costatum
Partition coefficient n-octanol/water (Log Pow)	-0,17 Source: ECHA

PERFECT HARMONY 25

Safety Data Sheet

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

12.2. Persistence and degradability

PERFECT HARMONY 25

Persistence and degradability Biodegradable in water.

12.3. Bioaccumulative potential

PERFECT HARMONY 25

Bioaccumulative potential No bioaccumulation data available.

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

Acetic acid (64-19-7)	
Partition coefficient n-octanol/water (Log Pow)	-0,17 Source: ECHA

12.4. Mobility in soil

PERFECT HARMONY 25

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

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

Acetic acid (64-19-7)	
Partition coefficient n-octanol/water (Log Pow)	-0,17 Source: ECHA

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods




Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents and or container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Flammable vapours may accumulate in the container. Do not re-use empty containers.
Ecological waste information	: Avoid release to the environment.

PERFECT HARMONY 25

Safety Data Sheet

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

SECTION 14: Transport information

TDG	IMDG	IATA
14.1. UN number		
UN2790	2790	2790
14.2. Proper Shipping Name		
ACETIC ACID SOLUTION	ACETIC ACID SOLUTION	Acetic acid solution
Transport document description		
UN2790 ACETIC ACID SOLUTION, 8, III	UN 2790 ACETIC ACID SOLUTION, 8, III	UN 2790 Acetic acid solution, 8, III
14.3. Transport hazard class(es)		
8	8	8
		
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

TDG

UN-No. (TDG) : UN2790

Explosive Limit and Limited Quantity : 5 L

Index

Excepted quantities (TDG) : E1

Passenger Carrying Road Vehicle or : 5 L

Passenger Carrying Railway Vehicle

Index

Emergency Response Guide (ERG) : 153

Number

PERFECT HARMONY 25

Safety Data Sheet

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

IMDG

Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Colourless liquid with a pungent odour. Miscible with water. Corrosive to lead and most other metals. Corrosive to skin, eyes and mucous membranes.

IATA

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 856
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A803
ERG code (IATA)	: 8L

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

Not applicable

PERFECT HARMONY 25

Safety Data Sheet

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

SECTION 15: Regulatory information

15.1. National regulations

Acetic acid (64-19-7)
Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Acetic acid (64-19-7)
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 : 06-05-2025

Full text of hazard classes and H-statements:	
H226	Flammable liquid and vapour
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.