

SECTION 1: Identification

1.1. Product identifier

Trade name : PROMAX QUAT SHOT
 Product code : 1300900
 Other means of identification : Health Canada Approved Drug Identification Number (DIN): 02243546

1.2. Recommended use and restrictions on use

Recommended use : Deodorizer, Multi-purpose disinfectant cleaner , Mildew remover, Fungicide, Virucide
 Restrictions on use : Food Plant, Industrial and Institutional 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

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)

Serious eye damage/eye irritation, Category 2B H320 Causes eye irritation
 Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : H320 - Causes eye irritation

Precautionary statements (GHS CA) : P264 - Wash hands and affected area thoroughly after handling.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several

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minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice or attention.

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
Alkyl(C=12-18) benzyl dimethyl ammonium chloride	Alkyl(C=12-18) benzyl dimethyl ammonium chloride	CAS-No.: 68391-01-5	0.1 - 1
C12-14 Alkyl dimethyl ethylbenzyl ammonium chloride	Ethyl-alkyl dimethyl benzyl ammonium chloride	CAS-No.: 85409-23-0 or 68956-79-6	0.1 - 1

**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 : No skin irritation is expected under normal use.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.
First-aid measures general : If you feel unwell, seek medical advice.

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

- Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact : None under normal conditions.
Symptoms/effects after eye contact : mild eye irritation.
Symptoms/effects after ingestion : None under normal conditions.

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Chronic symptoms : No effects known.
Expected Symptoms/Effects, Acute and Delayed : Moderate eye irritant.

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.

5.3. Specific hazards arising from the hazardous product

Fire hazard : No fire hazard.
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. Avoid contact with eyes.

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.

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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.
- 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. Wear personal protective equipment. Avoid contact with eyes.
- Hygiene measures : 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 : Keep in a cool, well-ventilated place away from heat.
- Storage conditions : Keep cool. Protect from sunlight.
- Incompatible products : Strong acids. Oxidizing agent.
- Incompatible materials : alkalis.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Eye protection:
Safety glasses

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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, light green liquid.
Colour	: Green
Odour	: Baby powder fragrance
Odour threshold	: No data available
pH	: 11 – 12
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	: > 100 °C
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Upper and lower flammability or explosive limit	: No data available
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1.01 – 1.02
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	: Product is not explosive.
Explosive limits	: No data available

9.2. Other information

No additional information available

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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	: Strong acids. Oxidizing agent. Alkalines.
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

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LD50 oral rat	> 105700.7 mg/kg
Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)	
ATE CA (oral)	500 mg/kg bodyweight
C12-14 Alkyl dimethyl ethylbenzyl ammonium chloride (85409-23-0 or 68956-79-6)	
LD50 oral rat	344 mg/kg bodyweight Animal: rat
ATE CA (oral)	344 mg/kg bodyweight
ATE CA (Dermal)	1100 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes eye irritation.
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
Aspiration hazard	: Not classified
Likely routes of exposure	: Skin and eyes contact. Inhalation.

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Expected Symptoms/Effects, Acute and Delayed	: Moderate eye irritant.
Symptoms/effects after inhalation	: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: mild eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.
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 Kow)	No data available
Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)	
LC50 - Fish [1]	5.914 mg/l Source: EPISUITE
EC50 - Crustacea [1]	4.423 mg/l Source: EPISUITE
EC50 96h - Algae [1]	4.813 mg/l Source: EPISUITE
Partition coefficient n-octanol/water (Log Pow)	3.91 Source: EPISUITE, estimate

12.2. Persistence and degradability

Persistence and degradability	Contains readily biodegradable component(s).
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12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (Log Kow)	No data available
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Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)	
Partition coefficient n-octanol/water (Log Pow)	3.91 Source: EPISUITE, estimate

12.4. Mobility in soil

Ecology - soil	No (test) data on mobility of the substance available.
Partition coefficient n-octanol/water (Log Kow)	No data available

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Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)	
Mobility in soil	1002
Partition coefficient n-octanol/water (Log Pow)	3.91 Source: EPISUITE, estimate

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 : Do not re-use empty containers.
- Ecological waste information : Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

- Proper Shipping Name (TDG) : Not applicable
- Proper Shipping Name (DOT) : Not applicable
- Proper Shipping Name (IMDG) : Not applicable

14.3. Transport hazard class(es)

TDG
Transport hazard class(es) (TDG) : Not applicable

DOT
Transport hazard class(es) (DOT) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

14.4. Packing group

- Packing group (TDG) : Not applicable
- Packing group (DOT) : Not applicable
- Packing group (IMDG) : Not applicable

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14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

TDG

No data available

DOT

No data available

IMDG

No data available

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

Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)

Listed on the Canadian DSL (Domestic Substances List)

C12-14 Alkyl dimethyl ethylbenzyl ammonium chloride (85409-23-0 or 68956-79-6)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

15.2. International regulations

Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)

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

C12-14 Alkyl dimethyl ethylbenzyl ammonium chloride (85409-23-0 or 68956-79-6)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

Issue date : 09/16/2024

Full text of hazard classes and H-statements:

H320	Causes eye irritation
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It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Project Clean Inc. 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.