

## SECTION 1: Identification

### 1.1. Product identifier

Product name : NO-RINSE SANITIZER  
Product code : A100150  
Other means of identification : DIN: 02500329

### 1.2. Recommended use and restrictions on use

Recommended use : Disinfectant/ No-rinse sanitizer  
Canada Drug Identification Number (DIN): 02500329  
Restrictions on use : Industrial and Institutional use only

### 1.3. Supplier

Project Clean Inc.  
12 James St N, Suite 201A  
Hamilton, ON L8R 2J9  
Canada  
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>	1 613 996 6666 *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)

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Hazardous to the aquatic environment – Acute Hazard, Category 2	H401	Toxic to aquatic life
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412	Harmful to aquatic life with long lasting effects.

Full text of H-statements: see section 16



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

#### GHS CA labelling

Hazard pictograms (GHS CA) :  

Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H401 - Toxic to aquatic life  
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS CA) : P264 - Wash hands, forearms and face thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, eye or face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see supplemental first aid instruction on the product SDS).  
P332+P313 - If skin irritation occurs: Get medical advice or attention.  
P337+P313 - If eye irritation persists: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents and or container to hazardous or special waste collection point, in accordance with local, provincial, or federal 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

### 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	3 – 7

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Name	Chemical name / Synonyms	Product identifier	% w/w
C12-14 Alkyl dimethyl ethylbenzyl ammonium chloride	Ethyl-alkyl dimethyl benzyl ammonium chloride	CAS-No.: 85409-23-0 or 68956-79-6	3 – 7

*\*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 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. 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.

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

- Symptoms/effects after skin contact : Irritation.
- Symptoms/effects after eye contact : Eye irritation.
- Chronic symptoms : No effects known.
- Expected Symptoms/Effects, Acute and Delayed : Eye irritation. Repeated or prolonged contact may cause skin irritation.

### 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

- 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.

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### SECTION 6: Accidental release measures

General measures : Avoid contact with skin and eyes. Do not handle until all safety precautions have been read and understood. Clean up any spills as soon as possible, using an absorbent material to collect it. Do not allow contact with water.

#### 6.1.1. For non-emergency personnel

Protective equipment : Gloves (EN 374). Safety glasses (EN 166).  
Emergency procedures : Ventilate spillage area. Avoid contact with skin and 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 : 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.

#### 6.2. Environmental precautions

Avoid release to the environment. May cause long lasting harmful effects to aquatic life.

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

For containment : Collect spillage.  
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. 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 locked up. Store in dry, cool, well-ventilated area.  
Incompatible products : Strong oxidizing agents.  
Incompatible materials : anionic surfactants.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

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

### 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.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Not required for normal conditions of use

#### 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 : No added fragrance Odourless  
Odour threshold : No data available  
pH : 7.5 – 8.5  
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

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Initial boiling point and boiling range	: No data available
Flash point	: > 93.3 °C
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	: 0.99 – 1
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

## 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 oxidizing agents. Anionic surfactants. Heat & Flame.
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

NO-RINSE SANITIZER	
LD50 oral rat	4075.829 mg/kg
LD50 dermal rat	22000 mg/kg
ATE CA (oral)	4075.829 mg/kg bodyweight

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ATE CA (Dermal)	22000 mg/kg bodyweight
<b>Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)</b>	
ATE CA (oral)	500 mg/kg bodyweight
<b>C12-14 Alkyl dimethyl ethylbenzyl ammonium chloride (85409-23-0 or 68956-79-6)</b>	
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	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious 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
Expected Symptoms/Effects, Acute and Delayed	: Eye irritation. Repeated or prolonged contact may cause skin irritation.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.
Chronic symptoms	: No effects known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: May be toxic to aquatic life. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.
Partition coefficient n-octanol/water (Log Pow)	No data available

<b>Alkyl(C=12-18) benzyl dimethyl ammonium chloride (68391-01-5)</b>	
LC50 - Fish [1]	5.914 mg/l Source: EPISUITE
EC50 - Crustacea [1]	4.423 mg/l Source: EPISUITE

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

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                      Readily biodegradable.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential                              Low potential for bioaccumulation (Log Kow < 4).

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

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

Partition coefficient n-octanol/water (Log Pow)	3.91 Source: EPISUITE, estimate
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#### 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

### 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

- Waste treatment methods                              : Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations. 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

Not regulated for transport



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### 14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not applicable

### 14.3. Transport hazard class(es)

#### TDG

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

### 14.4. Packing group

Packing group (TDG) : Not applicable

### 14.5. Environmental hazards

Marine pollutant : Yes (IMDG only)



Other information : No supplementary information available.

### 14.6. Special precautions for user

Special transport precautions : Avoid release to the environment, Prevent entry to sewers and public waters

### 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

#### NO-RINSE SANITIZER

Listed on the Canadian DSL (Domestic Substances List)

#### 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)

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### 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 : 07/19/2022

Revision date : 06/21/2023

#### Full text of H-statements:

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects.

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.