

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** VANQUISH  
**Recommended Use:** DISINFECTANT  
**Supplier:** SHARE CANADA  
**Address:** 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7  
Telephone Number: (204) 633-8553 Fax: (204) 633-8453  
**Emergency telephone number:** CANUTEC: (613) 996-6666

## SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: SKIN BURNS AND EYE DAMAGE

Symbol:



**Signal word:** DANGER

**Hazard statement(s):** Causes severe skin burns and eye damage.

**Precautionary statements:** Do not breathe spray. Wash thoroughly after handling. Wear eye protection, protective gloves. If swallowed, rinse mouth. DO NOT induce vomiting. If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower. If inhaled, remove person to fresh air and keep comfortable for breathing. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Wash contaminated clothing before re-use. Dispose of contents / container to comply with local / regional / national / international regulations.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
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Quaternary ammonium compounds, benzyl – C12- C 16 alkyldimethyl, chlorides	68424-85-1	1 – 5 %
Alcohols, (C12 -15 Ln Saturated) Ethoxylated	68131-39-5	1 – 5 %
Tetrasodium ethylenediaminetetraacetate	64-02-8	1 – 5 %
QUANTERNIUM – 24	32426-11-2	.5 – 1.5 %
Didecyldimethylammonium chloride	7173-51-5	.5 – 1.5 %
Dimethyldioctylammonium chloride	5538-94-3	.5 – 1.5 %

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#### SECTION 4 – FIRST AID MEASURES

- First-aid measures general** : If you feel unwell, seek medical advice (show label where possible).
- First-aid measures after inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact** : Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact** : Rinse immediately with water for 15 minutes. Take victim to an ophthalmologist.
- First-aid measures after ingestion** : Immediately call a poison centre or a doctor. Rinse mouth. Do NOT induce vomiting. Drink plenty of water.
- Symptoms / injuries after inhalation:** : Corrosive to the respiratory tract.
- Symptoms / injuries after skin contact** : Caustic burns / corrosion of the skin.
- Symptoms / injuries after eye contact:** : Causes serious eye irritation. Corrosion of eye tissue. Permanent eye damage.
- Symptoms / injuries after ingestion:** : Burns to gastric / intestinal mucosa.

#### SECTION 5 – FIRE FIGHTING MEASURES

- Suitable extinguishing media** : All extinguishing media allowed.
- Reactivity** : Upon combustion CO and CO<sub>2</sub> are formed.
- Firefighting instructions** : Exercise caution when fighting any chemical fire. Use water moderately and if possible contain and collect it. Use spray or fog for cooling exposed containers.
- Protection during firefighting** : Do not enter fire area without proper protective equipment, including respiratory protection.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**General measures:** Isolate from fire, if possible without unnecessary risk.

### For non-emergency personnel

**Protective equipment** : Gloves, protective goggles, face shield.

**Emergency procedures** : Keep upwind.

### For emergency responders

**Protective equipment** : Equip cleanup crew with proper protection.

**Emergency procedures** : Stop leak if safe to do so. Stop release. Ventilate area.

**Environmental precautions** : Avoid release to the environment. Prevent soil and water pollution.

**For containment** : Contain released substance, pump into suitable containers.

**Methods for cleaning up** : This material and its container must be disposed of in a safe way, and as per local legislation.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling** : Carry operations in the open or under local exhaust / ventilation or with respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Hygiene measures** : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**Storage conditions** : Keep container closed when not in use. Store in original container.

**Incompatible products** : Strong acids.

**Storage area** : Store away from heat. Store in a cool, dry area.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters:

Quaternary ammonium compounds, benzyl – C12- C 16 alkyldimethyl, chlorides (68424-85-1) – Not applicable

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Alcohols, (C12 -15 Ln Saturated) Ethoxylated (68131-39-5) - Not applicable
Tetrasodium ethylenediaminetetra-acetate (64-02-8) – Not applicable
QUANTERNIUM – 24 (32426-11-2) – Not applicable
Didecyldimethylammonium chloride (7173-51-5) – Not applicable
Dimethyldioctylammonium chloride (5538-94-3) – Not applicable

Personal protective equipment: Gloves. Safety glasses.  
Protective clothing Use appropriate personal protective equipment when risk assessment indicates this is necessary.



## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	: Liquid
<b>Appearance</b>	: Clear colourless liquid
<b>Odour</b>	: Mild odour
<b>Odour threshold</b>	: No data available
<b>pH</b>	: 12.4
<b>Melting point</b>	: No data available
<b>Freezing point</b>	: No data available
<b>Boiling point</b>	: No data available
<b>Flash point</b>	: 100 °C Closed Cup
<b>Relative evaporation rate (butyl acetate=1)</b>	: No data available
<b>Flammability (solid, gas)</b>	: No data available
<b>Explosion limits</b>	: No data available
<b>Explosive properties</b>	: No data available
<b>Oxidizing properties</b>	: No data available
<b>Vapour pressure</b>	: No data available
<b>Relative density</b>	: No data available
<b>Relative vapour density at 20 °C</b>	: No data available

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**Specific gravity / density** : 1 g/ml  
**Solubility** : Soluble in water.  
**Log Pow** : No data available  
**Log Kow** : No data available  
**Auto-ignition temperature** : No data available  
**Decomposition temperature** : No data available  
**Viscosity** : No data available  
**Viscosity, kinematic** : No data available  
**Viscosity, dynamic** : No data available  
**VOC content** : < 1 %

#### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Upon combustion: CO and CO<sub>2</sub> are formed.  
**Chemical stability:** No additional information available.  
**Possibility of hazardous reactions** : No additional information available  
**Conditions to avoid:** No additional information available.  
**Incompatible materials:** May be corrosive to metals, Strong acids, metals  
**Hazardous decomposition products:** Upon normal conditions of storage and use, hazardous decomposition products should not be produced.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

**Quaternary ammonium compounds, benzyl – C12- C 16 alkyldimethyl, chlorides (68424-85-1)**

LD50 oral (rat) 344 mg/kg LD50 dermal (rabbit) 3440 mg/kg  
ATE CLP (oral) 344,000 mg/kg body weight  
ATE CLP (dermal) 3340,000 mg/kg body weight

**Didecyldimethylammonium chloride (7173-51-5)**

LD50 oral (rat) 238 mg/kg LD50 dermal (rabbit) 3442 mg/kg  
ATE CLP (oral) 238,000 mg/kg body weight  
ATE CLP (dermal) 3342,000 mg/kg body weight

**Alcohols, (C12 -15 Ln Saturated) Ethoxylated (68131-39-5)**

LD50 oral (rat) > 2000 mg/kg LD50 dermal (rabbit) > 2000 mg/kg

**Tetrasodium ethylenediaminetetra-acetate (64-02-8)**

LD50 oral (rat) > 2000 mg/kg ATE CLP (oral) 500,000 mg/kg body weight

**Acute toxicity** : Not classified

**Skin corrosion/irritation** : Causes severe skin burns (pH 12.4)

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- Serious eye damage/irritation** : Causes eye damage (pH 12.4)
- Respiratory or skin sensitization** : Not classified
- Germ cell mutagenicity** : Not classified.
- Carcinogenicity** : Not classified.
- Reproductive toxicity** : Not classified.
- Specific target organ toxicity (single exposure)** : Not classified.
- Specific target organ toxicity (repeated exposure)** : Not classified.
- Aspiration hazard** : Not classified.
- Symptoms/injuries after inhalation** : Corrosive to the respiratory tract.
- Symptoms/injuries after skin contact** : Caustic burns / corrosion of the skin.
- Symptoms/injuries after eye contact** : Causes serious eye irritation. Corrosion to eye tissue. Permanent eye damage.
- Symptoms/injuries after ingestion** : Burns to gastric / mucosa.
- Likely routes of exposure** : Skin and eye contact.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecology (General):** No additional information available.  
**Persistence and degradability:** No additional information available.  
**Bioaccumulation potential:** No additional information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste disposal recommendations** : Disposal in a safe manner in accordance with local / national regulations.

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**SECTION 14 – TRANSPORT INFORMATION**

**Transportation of Dangerous Goods:** Regulated under TDG.  
UN1903 Disinfectant, liquid, corrosive, n.o.s. (Quaternary ammonium chloride) Class 8  
Packing Group II. Limited quantity 1 Litre.

**SECTION 15 - REGULATORY INFORMATION**

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015.

**SECTION 16 - OTHER INFORMATION**

**Information Sources: SUPPLIER'S SAFETY DATA SHEET**  
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