

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. Harmful if swallowed.

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**

| | | |
|--|------------|------------|
| 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 EDTA | 64-02-8 | 1 – 5 % |
| Ethanol | 64-17-5 | .5 – 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 % |

Product Identifier: VANQUISH

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 comfortable for breathing.
- First-aid measures after skin contact** : Rinse immediately contaminated clothing and wash before re-use. Wash with plenty of water for 15 minutes. 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 CO₂ 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.

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.

Product Identifier: VANQUISH

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 product, collect/ 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 :** Wash hands thoroughly with soap and water after handling this product. 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 |
| Ethanol (64-17-5). ACGIH OEL STEL (ppm) 1000 ppm Remark URT irr |
| Alcohols, (C12 -15 Ln Saturated) Ethoxylated (68131-39-5) - Not applicable |
| Tetrasodium EDTA (64-02-8) – Not applicable |
| QUANTERNIUM – 24 (32426-11-2) – Not applicable |

Product Identifier: VANQUISH

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

| | |
|--|---------------------------|
| Physical state | : Liquid |
| Appearance | : Clear colourless liquid |
| Odour | : Mild odour |
| Odour threshold | : No data available |
| pH | : 12.4 |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 100 °C Closed Cup |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Vapour pressure | : No data available |
| Relative density | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Specific gravity / density | : 1 g/ml |
| Solubility | : Soluble in water. |
| Log Pow | : No data available |

Product Identifier: VANQUISH

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 CO₂ 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

Ethanol (6417-17-5)

LD50 oral (rat) 10470 mg/kg bodyweight OECD 401 Acute oral toxicity Rat Male/
Female Experimental value Oral 14 days

LD50 dermal (rabbit) >15800 mg/kg body weight Rabbit Experimental value, Dermal)

LC50 inhalation – Rat 124.7 mg/l air (Equivalent or similar to OECD 403 4 h

Rat Male/Female Experimental value Inhalation (vapours) 14 days

ATE CLP (oral) 10740 mg/kg body weight

Didecyldimethylammonium chloride (7173-51-5)

LD50 oral (rat) 238 mg/kg Method: OECD Test Guideline 401

LD50 dermal (rabbit) 3342 mg/kg

ATE CLP (oral) 238 mg/kg body weight

ATE CLP (dermal) 3342, mg/kg body weight

C12 -15 Alcohols Ethoxylated (68131-39-5)

LD50 oral (rat) > 2000 mg/kg

LD50 dermal (rabbit) > 2000 mg/kg

Tetrasodium EDTA (64-02-8)

LD50 oral (rat) 1780 - 2000 mg/kg Rat Male/Female Experimental value, Oral

ATE CLP (oral) 500 mg/kg body weight

Product Identifier: VANQUISH

- Acute toxicity** : Not classified
- Skin corrosion/irritation** : Causes severe skin burns (pH 12.4)
- Serious eye damage/**
irritation : Causes eye damage (pH 12.4)
- Respiratory or skin sensitization** : Not classified.
- Germ cell mutagenicity** : Not classified.
- Carcinogenicity** : Ethanol (64-17-5) IARC 1 – Carcinogenic to humans.
- Reproductive toxicity** : Not classified.
- Specific target organ toxicity (single exposure)** : Not classified.
- Specific target organ toxicity (repeated)** : 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 / intestinal 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** : Dispose of container in a safe manner in accordance with provincial requirements.

Product Identifier: VANQUISH

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 SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015.

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SAFETY DATA SHEET
Prepared by: SHARE CANADA
Telephone: 1-204-633-8553
Latest revision date: April 18, 2023