

SAFETY DATA SHEET

Crown Chemical Manufacturing Inc.

Crown Disinfectant.

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Crown Disinfectant – Pine Scented #4021

Date of Safety Data Sheet: January 4, 2022

Use of Preparation: Disinfectant.

Company Identification: Crown Chemical Manufacturing Inc.
106 Vulcan Street, Unit # 3
Toronto, Ontario
M9W 1L2

Company Telephone Number: Phone: (905) 564-0904

Emergency Telephone Number CANUTEC 613-996-6666 or * 666 for cell phone

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

NOT REGULATED UNDER WHMIS 2015- Regulated as a disinfectant under Health Canada.

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Acute Toxicity Oral Category 4 H302

Skin Corrosion Category 1A H314

Serious Eye Damage Category 1 H318

Label Elements

GHS-US/ Canada Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Danger

Hazard Statements (GHS):

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

Precautionary Statements (GHS):

P102: Keep out of reach of children.

P260: Do not breathe mist, spray, and vapours.

P264: Wash hands thoroughly after handling.

SAFETY DATA SHEET

Crown Chemical Manufacturing Inc.

Crown Disinfectant.

P270: Do not eat, drink, or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements (GHS):

P301+ P310+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor/physician

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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. Get medical attention.

P315: Get immediate medical advice/attention

P333+P313: If skin irritation or rash occurs: Get medical attention.

P363: Wash contaminated clothing before re-use.

P501: Dispose of contents / container in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5 40	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion / Irritation Category 1 – H314 Serious Eye Damage / Eye Irritation Category 1 – H318
Alkyl (68% C12, 32% C14) dimethyl ethyl benzyl ammonium chloride.	85409-23-0 (Alternate CAS 68956-79-6)	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion / Irritation Category 1 – H314 Serious Eye Damage / Eye Irritation Category 1 – H318

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician. If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

SAFETY DATA SHEET

Crown Chemical Manufacturing Inc.

Crown Disinfectant.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam
Unsuitable extinguishing media:	None known.
Special exposure hazards	Thermal decomposition releases irritating gases.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	Not flammable. Not an explosive hazard.
Further information	Keep containers and surrounding cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with absorbent and dispose of waste safely.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity.

Unsuitable material for receptacle: steel.

Unsuitable material for receptacle: aluminium.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Do not store together with alkaline products or strong acids.

Store away from oxidizing agents.

SAFETY DATA SHEET

Crown Chemical Manufacturing Inc.

Crown Disinfectant.

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

Specific end use(s) No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation. If dust present, use approved dust mask.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles or full-face shield.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.
Exposure Guidelines:	No ingredients with exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<u>Property</u>	<u>Values</u>	<u>Odour</u>	<u>Odour Threshold</u>	<u>Remarks/Method</u>
Physical State	Liquid			
Appearance	Clear	Odour		Pine Scented.
Colour	Yellow	Odour Threshold		No data available.
pH	11.1			
Melting/Freezing Point	No data available			
Boiling Point/Range	100 C (212 F)			
Flash Point	No data available			
Evaporation Rate	Similar			
Flammability (solid, gas)	Not flammable			
Flammability Limit in Air:				
Upper Limit	No data available			
Lower Limit	No data available			
Vapour Pressure	No data available			
Vapour density	Similar			
Specific Gravity	1.0407 g/cm ³			
Water Solubility	Soluble in water.			
Solubility Other Solvents	No data available			
Partition Coefficient:				
n-octanol/water	No data available			
Autoignition temperature	No data available			
Decomposition	No data available			
Temperature				
Kinematic Viscosity	No data available			
Dynamic Viscosity	No data available			
Explosive Properties	No data available			

Date: January 4, 2022

SDS: Crown Chemical Manufacturing Inc. Crown Disinfectant.

SAFETY DATA SHEET

Crown Chemical Manufacturing Inc.

Crown Disinfectant.

Other Adverse Effects

Other Information:

All of the organic components of this product are readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

Canadian T.D.G.: Regulated Material

Proper Shipping Name: Disinfectants, liquid, corrosive N.O.S.

Contains: Benzyl-C12-16-alkldimethyl chlorides

Hazard Class: 8

ID Number: UN 1903

Packing Group: III



U.S. Department of Transportation (DOT): Regulated material

Proper Shipping Name: Disinfectants, liquid, corrosive N.O.S.

Contains: Benzyl-C12-16-alkldimethyl chlorides

Hazard Class: 8

ID Number: UN 1903

Packing Group: III



Water Transportation (IMDG): Regulated Material

Proper Shipping Name: Disinfectants, liquid, corrosive N.O.S.

Contains: Benzyl-C12-16-alkldimethyl chlorides

Hazard Class: 8

ID Number: UN 1903

Packing Group: III



SAFETY DATA SHEET

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Air Transportation (IATA): Regulated Material

Proper Shipping Name: Disinfectants, liquid, corrosive N.O.S.

Contains: Benzyl-C12-16-alkldimethyl chlorides

Hazard Class: 8

ID Number: UN 1903

Packing Group: III



15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS Classification: Not regulated.

Health Canada: DIN regulated.

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

SAFETY DATA SHEET

Crown Chemical Manufacturing Inc.

Crown Disinfectant.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 3 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Lizmar
551 Catchmore Road
Campbellford, Ontario
K0L 1L0

Issuing Date: January 4, 2022

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet