

Safety Data Sheet



Disinfectant

HopePodz™ Disinfectant**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING****Product Identifier:**

Product Name..... HopePodz Disinfectant

Other Identification Means:

Synonyms..... Product Number: HPQD-01

Use of Substance/Preparation and Restrictions:

Recommended Use:..... Disinfectant

Uses Advised Against:..... No information available

SDS Supplier Details:

Company Name:..... We Are Planet Hope Incorporated

Company Identification:..... 180 Danforth Avenue,
Toronto, Ontario M4K 1N0Company Emergency Telephone Number..... **Emergency Phone:** 1-866-521-HOPE (4673)Transportation Emergency Telephone Number..... **CANUTEC 613-996-6666 or *666 for cell phone****2. HAZARDS IDENTIFICATION****Classification:**

This SDS is classified for direct exposure to the liquid contents of the Podz and does not reflect normal handling of the intact Podz.

“Consumer Products”, as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian WHMIS 2015. This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product. This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation WHMIS 2015 as follows:

GHS Label Elements, including precautionary statement:**Emergency Overview:**

Flammable Liquid Category 3 H226
Acute Toxicity Oral Category 3 H301
Skin Corrosion Category 2 H315
Eye Damage Category 1 H318
Acute Toxicity Inhalation Category 3 H331

Label Elements**GHS-US Labeling****Hazard Pictograms (GHS):****Signal Word (GHS):** Danger**Hazard Statements (GHS):**

H226: Flammable liquid and vapour
H302: Harmful if swallowed
H315: Causes skin irritation
H318: Causes serious eye damage
H331: Toxic if inhaled

Precautionary Statements (GHS):

P210: Keep away from heat/sparks/open flame/hot surface
P261: Avoid breathing vapours
P264: Wash hands and exposed skin thoroughly after handling
P271: Use outdoors or in a well-ventilated area
P280: Wear eye protection/face protection

Response Statements (GHS):

P301+P310+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately contact a poison control centre.
P302+P352 IF ON SKIN: Wash with plenty of water
P304: IF INHALED: Remove victim to fresh air and keep at rest in a position 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 advice/attention.
P403: Store in a well-ventilated place

HopePodz™ Disinfectant**3. COMPOSITION / INFORMATION ON INGREDIENTS****Chemical Description:** Chemical

Ingredient	C.A.S.	% by Wt	Trade Secret
Octyl decyl dimethyl ammonium chloride	32426-11-2	15.24	
Diocetyl dimethyl ammonium chloride	5538-94-3	7.62	
Alkyl (40% C ₁₂ , 50% C ₁₄ , 10% C ₁₆) dimethyl benzyl ammonium chloride	68424-85-1	20.2	
Didecyl dimethyl ammonium chloride	717-51-5	7.62	
Alcohol C11, ethoxylated	34398-01-1	15-30	*
Hexylene Glycol	107-41-5	7-15	*
Ethanol	64-17-5	1-10	*

* The exact percentage (concentration) and composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First Aid Measures:**

- Eye Contact** Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately if irritation persists
- Skin Contact** Thoroughly wash exposed skin with water
- Inhalation** Remove to fresh air. If symptoms persist, consult physician
- Ingestion** Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get immediate medical attention
- Notes to Physician** Treatment based on judgment of attending physician
- Most Important symptoms and effects, both acute and delayed** ... Stinging and irritation of eyes

5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media** Flood with water for extinguishing agent. CO₂, dry chemical, alcohol resistant foam
- Unsuitable Extinguishing Media** ... No information available
- Specific Exposure Hazards** Thermal decomposition releases irritating gases
- Hazardous Combustion Products**.. Carbon oxides

Explosion Data:

- Sensitivity to Mechanical Impact** .. None
- Sensitivity to Static Discharge** None
- Special safety equipment** Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing

HopePodz™ Disinfectant**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

General Measures Do not get in eyes or skin

Environmental Precautions:

Environmental Precautions See section 12 for additional ecological information

Methods and Material for Containment and Cleaning Up:

Method for Containment Contain any spills with dikes to prevent migration and entry into sewers or streams

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

Procedures for Non-Emergency Personnel:

Protective Equipment Use appropriate personal protection equipment (PPE)

Emergency Procedures Evacuate unnecessary personnel

Procedures for Emergency Personnel:

Protective Equipment Equip cleanup crew with proper protection

Emergency Procedures Ventilate area

Reference to Other Sections See Heading 8. Exposure Controls and Personal Protection

7. HANDLING AND STORAGE**Precautions for Safe Handling:**

Handling Ensure good ventilation/exhaustion at the workplace

Information about fire and explosion protection Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do it without risk. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Prevent entry into waterways, sewer, basements, or confined areas. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles Store in a dry and cool location

Information about storage in one common storage facility 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

HopePodz™ Disinfectant**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Control Parameters:**

Exposure Guidelines No ingredients with exposure limits

Appropriate Engineering Controls:

Engineering Measures Showers. Eyewash stations. Ventilation systems for workplace.
None required for consumer use

Individual Protection Measures:

Eye protection If exposure to contents of Podz are likely to occur, wear safety glasses with side shields

Skin protection No special protective equipment required

Hand protection No special protective equipment required

Respiratory protection Use local exhaust or dilution ventilation

Working hygiene Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties**

Physical State Liquid gel

Appearance Clear

Odour Lavender

Colour Red

Odour Threshold No information available

Property	Values	Remarks/Method
pH solution	No data available	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	100° C	None known
Flash Point	50.6° C	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Flammable	None known
Flammability Limit in Air	No data available	
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour Density	No data available	None known
Specific Gravity	0.94 g/cm ³	
Water Solubility	Soluble in water	None known
Solubility Other Solvents	No data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known
Other Properties:		
Softening Point	No data available	
VOC Content %	< 3.0%	
Particle Size	No data available	
Particle Size Distribution	No data available	

HopePodz™ Disinfectant**10. STABILITY AND REACTIVITY**

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	None under normal processing
Hazardous Polymerization.....	Does not occur
Conditions to Avoid	None known
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Carbon oxides
Thermal Decomposition / Conditions to be avoided	Stable under normal conditions

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:****Product Information:**

Inhalation	Specific test data for substance/mixture not available
Eye Contact.....	May cause irritation
Skin Contact.....	Specific test data for substance/mixture not available
Ingestion.....	Specific test data for substance/mixture not available

Component Information:

Chemical Name	Oral LD50	Dermal LD50
Full formulation	>100 mg/Kg (oral/rat)	>2000 mg/Kg (dermal/ rabbit)

Information on Toxicological Effects:

Symptoms	None known
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Delayed/Immediate/Chronic Effects from short and long-term exposure:

Sensitization.....	None known
Mutagenic Effects.....	None known
Carcinogenicity.....	No ingredients listed as a carcinogen
Reproductive Toxicity	None known
STOT - Single Exposure.....	None known
STOT - Repeated exposure.....	None known
Chronic Toxicity	None known
Target Organ Effects	None known
Numerical Measures of Toxicity (based on GHS Chapter 3.1) ...	Not applicable

HopePodz™ Disinfectant**12. ECOLOGICAL INFORMATION**

Ecotoxicity	Not classified
Persistence and Degradability	No information available
Bioaccumulative Potential	No information available
Mobility in Soil	No information available
Other Adverse Effects	No information available
Other Information	Avoid release to the environment

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal Methods	Dispose of contents/containers in accordance with local regulations.
Contaminated Packaging	Dispose of contents/containers in accordance with local regulations
California Hazardous Waste Codes	Not available
Ecology – Waste Materials	Avoid release to the environment

14. TRANSPORT INFORMATION

DOT	Limited Quantity
Proper Shipping Name	Not Applicable
Hazard Class	Not Applicable
TDG	Limited Quantity
MEX	Limited Quantity
ICAO	Limited Quantity
IATA	Limited Quantity
Proper Shipping Name	Not Applicable
Hazard Class	Not Applicable
IMDG/IMO	Limited Quantity
Hazard Class	Not Applicable
RID	Limited Quantity
ADR	Limited Quantity
ADN	Limited Quantity

HopePodz™ Disinfectant**15. REGULATORY INFORMATION****International Inventories**

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List

Canadian Regulations

Health Canada DIN	Not applicable
Canadian DSL	Appears

US State Regulations

California Proposition 65	This product does not contain any Proposition 65 Chemicals
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	Health Hazard	Flammability	Instability	Physical Hazard	Physical and Chemical Hazards – Personal Protections
NFPA	3	2	0	n/a	X
HMIS	3	2	n/a	0	B

HMIS III Rating

Health	3 Serious Hazard
Flammability	2 Hazard
Physical	0 Minimal Hazard
Personal Protection	B
SDS US	(GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By	Technical Department
Issuing Date	March 27, 2021
Revision Date	None
Revision Note	None

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