



Botanic Planet

Your Supplier for Essential Oils & Botanicals Canada Inc.

Material Safety Data Sheet

SECTION 1: Product and Supplier Identification

Product Identifier: DMDM Hydantoin

Recommended Use: Preservative for personal care products, cosmetics, household cleaners, and industrial applications.

Origin: USA

Supplier: Botanic Planet Canada Inc.

Address: 2 Bram Court Unit # 3 Brampton Ontario L6W 3R6 Canada

Phone: 905-455-4444

Email: info@botanicplanet.ca

Emergency Contact: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2: Hazard Identification

GHS Classification

Skin Sensitization – Category 1

Serious Eye Irritation – Category 2A

Signal Word

Warning

Hazard Statements

May cause an allergic skin reaction.

Causes serious eye irritation.

Precautionary Statements

Avoid breathing mist or vapors.

Wear protective gloves and eye protection.

Wash hands thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes.

If on skin: Wash with plenty of soap and water.

If irritation persists, seek medical advice.

SECTION 3: Composition / Information on Ingredients

Component	CAS Number	Concentration
DMDM Hydantoin	6440-58-0	54–55%
Water	7732-18-5	44–46%

SECTION 4: First Aid Measures

Eye Contact

Immediately flush with water for at least 15 minutes. Remove contact lenses if present. Obtain medical attention if irritation persists.

Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing.

Inhalation

Move person to fresh air.

Ingestion

Rinse mouth. Do not induce vomiting unless directed by medical personnel.

SECTION 5: Fire-Fighting Measures

Suitable extinguishing media:

Water spray

Foam

Dry chemical

Carbon dioxide

Specific hazards:

Heating may produce:

Carbon oxides

Nitrogen oxides

Formaldehyde vapors

Protective equipment:

Wear self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

Wear appropriate PPE.

Prevent entry into drains.

Absorb with inert material.

Collect into suitable containers.

Wash spill area with water.

SECTION 7: Handling and Storage

Handling

Avoid contact with eyes and skin.

Use adequate ventilation.

Avoid breathing mists.

Storage

Store in tightly closed containers.

Recommended storage temperature: 5–30°C

Protect from:

Direct sunlight

Freezing

Excessive heat

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Good ventilation.

Personal Protective Equipment

Eyes:

Safety goggles

Hands:

Chemical resistant gloves

Body:

Protective clothing

Respiratory:

Normally not required under normal industrial use.

SECTION 9: Physical and Chemical Properties

Appearance Clear Liquid

Color Colorless

Odor Mild Characteristic

pH 6.5–7.5

Solubility Completely soluble in water

Specific Gravity Approx. 1.14

Flash Point Not applicable

Boiling Point >100°C

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

Strong oxidizing agents

Strong acids

Excessive heat

Hazardous decomposition products:

Formaldehyde
Carbon monoxide
Carbon dioxide
Nitrogen oxides

SECTION 11: Toxicological Information

Likely routes of exposure:

Eye contact

Skin contact

Inhalation

Symptoms:

Eye irritation

Skin irritation

Allergic skin reaction in sensitive individuals

Carcinogenicity:

Contains trace formaldehyde released under certain conditions. Formaldehyde is classified as a carcinogen; however, the product contains only low levels of free formaldehyde under normal conditions of use.

SECTION 12: Ecological Information

Avoid uncontrolled release into waterways.

Biodegradability:

Expected to be partially biodegradable

No significant bioaccumulation expected.

SECTION 13: Disposal Considerations

Dispose in accordance with applicable local, provincial/state, and federal regulations.

Do not discharge into natural waterways.

SECTION 14: Transport Information

UN Number:

Not regulated

Proper Shipping Name:

Not regulated

Transport Hazard Class:

Not regulated

Packing Group:

Not applicable

Marine Pollutant: No

SECTION 15: Regulatory Information

Comply with applicable regulations including:

WHMIS 2015 (Canada)

OSHA Hazard Communication Standard (USA), where applicable

GHS Classification

SECTION 16: Other Information

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Prepared By:

Quality Assurance Department

Botanic Planet Canada Inc.



Disclaimer. The information contained in this Safety Data Sheet (SDS) is believed to be accurate and is provided in good faith based on data available at the time of preparation. It is intended solely as guidance for the safe handling, storage, transportation, use, and disposal of the product and does not constitute a warranty or guarantee of specific product properties or suitability for any particular purpose. Users are responsible for determining the suitability of this product for their intended application and for complying with all applicable laws, regulations, and industry standards. Botanic Planet Canada Inc. shall not be liable for any loss, damage, or injury resulting from the improper handling, storage, transportation, use, or disposal of this product. Liability is limited to the purchase price of the product supplied. Any disputes arising from the use or sale of this product shall be subject to the exclusive jurisdiction of the courts of the Province of Ontario, Canada.

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