



CANTHARONE[®] SAFETY DATA SHEET

Effective Date: 22-NOV-2019

SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CANTHARONE[®] (Health Canada NPN 80023975) **SIZE:** 7.5mL
CHEMICAL NAME: Not Applicable
FORMULA: Mixture

MANUFACTURER AND SUPPLIER: Dormer Laboratories Inc.
ADDRESS: 91 Kelfield St. # 5 Toronto, Ontario, Canada M9W 5A3

FOR INFORMATION ON HEALTH HAZARDS CALL: (416) 242-6167
POISON INFORMATION CENTER: (416) 813- 5900 1 (800) 268-9017 (Canada Only)
FOR OTHER INFORMATION CALL: (416) 242-6167

PRODUCT USE: CANTHARONE[®] is indicated for removal of common, periungal, selected plantar warts and *Molluscum contagiosum*.

SDS PREPARATION: Dormer Laboratories Inc. Phone number: (416) 242 6167
6167 SDS Date of Review: Nov, 2019

SECTION II: HAZARDS IDENTIFICATION

THRESHOLD LIMIT VALUE: Acetone: 1000 ppm

EFFECTS OF OVEREXPOSURE:

Ether: Mildly irritating to skin, mucous membranes. Inhalation of high concentrations causes narcosis, unconsciousness. Death may occur due to respiration paralysis.

Acetone: Breathing high vapor concentrations or prolonged exposure to vapors can cause irritation of the eyes, nose and throat and may cause headache, dizziness, nausea and loss of consciousness.

Camphor: Ingestion or injection may cause nausea, vomiting, vertigo, mental confusion, delirium, clonic convulsions, coma, respiratory failure, death. Toxicity: LD₅₀ i.p. in mice: 3000 mg/kg.

Alcohol: Nausea, vomiting, flushing, mental excitement or depression, drowsiness, impaired perception, incoordination, stupor, coma, death may occur.

Cantharidin: Skin contact causes blisters. Ingestion, absorption from mucous membranes or excessive skin contact causes severe gastroenteritis, nephritis, collapse. Death may occur.

SECTION II: HAZARDS IDENTIFICATION (continued)

TOXICITY:

Oral (humans) LD low 428 µg/kg.

Camphor: Toxicity: LD₅₀ i.p. in mice: 3000 mg/kg.

SECTION III: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS: Ether (42.8 % W/V), Acetone (36.0 % V/V), Alcohol (14.2 % W/V), Camphor (1.2 % W/V), Cantharidin (0.7 % W/V)

SECTION IV: FIRST AID MEASURES

EMERGENCY AND FIRST AID MEASURES:

Eyes or mucous membranes: Immediately flush with water, remove precipitated collodion and flush with water for an additional 15 minutes. Get medical attention!

Skin: Wash off at once with acetone, if available, then soapy water and rinse well. Remove contaminated clothing; handle carefully and wash before reusing.

Inhalation: Remove victim to fresh air. Give artificial respiration if not breathing. Get medical attention as needed.

Ingestion: Highly toxic; give large amounts of whole milk or dilute sodium bicarbonate in water; then induce vomiting by touching back of throat with finger. Repeat. Life threatening, get immediate medical attention.

SECTION V: FIRE FIGHTING MEASURES

FLASH POINT: 1°F (-17°C)

FLAMMABLE LIMITS: Mixture

EXTINGUISHING MEDIA: CO₂, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS: Treat as an extremely flammable liquid

SECTION VI: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Remove all sources of ignition. Wearing suitable protective clothing, absorb spilled material with commercially available inert absorbing material. Place in fiber carton. Incinerate. Wash spill area thoroughly with soap and water.

Waste Disposal Method:

Wearing suitable protective clothing, incinerate with caution. Federal, Provincial or State, and local laws take precedence.

SECTION VII: HANDLING AND STORAGE

Store in a closed container away from heat, sparks and open flame.

DO NOT GET IN EYES OR ON SKIN OR MUCOUS MEMBRANES.

Other precautions: Do not ingest.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection – Ventilation: Local exhaust IF NECESSARY.

Mechanical (general): Yes **Special:** No

Protective Gloves: Yes **Eye Protection:** Yes **Other Protective Equipment:** No

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: < 176°F (< 80°C)

SPECIFIC GRAVITY (H₂O =1): 0.81

VAPOR PRESSURE (mm Hg): Not Applicable

PERCENT VOLATILE BY VOLUME (%): 98

VAPOR DENSITY (Air = 1): Not Applicable

EVAPORATION RATE: Not Applicable

SOLUBILITY IN WATER: **Acetone:** Very

Ether: Slight

Cantharidin: Very slight

Camphor: Very slight

APPEARANCE AND ODOR: Transparent to light yellow viscous liquid; odor of Acetone and Ether.

SECTION X: STABILITY AND REACTIVITY

Stability: Extremely volatile

Conditions to avoid: Heat, sparks, or open flame

Incompatibility: Strong oxidizers

Hazardous Decomposition Products: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide, NO_x

Hazardous Polymerization: Will not occur

SECTION XI: TOXICOLOGICAL INFORMATION

Poisonous: May be fatal if ingested.

Residual pigment changes may occur.

SECTION XII: ECOLOGICAL INFORMATION

Information not available

SECTION XIII: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Wearing suitable protective clothing, incinerate with caution. Federal, Provincial or State, and local laws take precedence.

SECTION XIV: TRANSPORT INFORMATION

There is not specific recommendation for the transport of CANTHARONE®

SECTION XV: REGULATORY INFORMATION

Health Canada has classified this product as a natural health product and issued a Natural Product Number (NPN) 80023975, (March, 2011). (Previously registered with Drug Identification Number (DIN) 00619035).

SECTION XVI: OTHER INFORMATION

The information herein is believed to be correct as of the date hereof, but is provided without warranty of any kind. (Cantharone® is a registered Trade mark of Dormer Laboratories Inc.)

(P) 1119 (R) 1119