

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : CaviCide 1™

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Hard surface cleaner and disinfectant, Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Restrictions on use : None known

1.4. Supplier's details

Manufacturer

METREX® RESEARCH
28210 Wick Road
Romulus, MI., 48174-U.S.A.
T 1-800-841-1428 (Customer Service)

1.5. Emergency phone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 3	H226	Flammable liquid and vapor.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Hazardous to the aquatic environment — Acute Hazard, Category 3	H402	Harmful to aquatic life.
Full text of H statements : see section 16		

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H226 - Flammable liquid and vapor
H319 - Causes serious eye irritation
H402 - Harmful to aquatic life

Precautionary statements (GHS US) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/Bond container and receiving equipment.

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

P241 - Use explosion-proof electrical, ventilating, lighting equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 - In case of fire: Use Water spray or fog, alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO₂) to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents and container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Isopropanol	CAS-No.: 67-63-0	15
Ethanol	CAS-No.: 64-17-5	7.5
2-Butoxyethanol	CAS-No.: 111-76-2	1-5
Didecyldimethylammonium chloride	CAS-No.: 7173-51-5	0.76

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact : Gently wash with plenty of soap and water. Seek medical attention if irritation develops.
First-aid measures after eye contact : IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
First-aid measures after ingestion : Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

4.2. Most important symptoms/effects, acute and delayed

Inhalation	: At high concentrations, the vapors can be irritating to the respiratory system. High concentration of vapors may induce: headache, nausea, dizziness.
Skin	: Repeated or prolonged skin contact may cause irritation. Repeated exposure may cause skin dryness or cracking.
Eyes	: May cause moderate irritation, including burning sensation, tearing, redness or swelling.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Prolonged overexposure to ethylene glycol monobutyl ether may affect liver, kidneys, blood, lymphatic system or central nervous system.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.
Explosion hazard	: Prolonged exposure to fire may cause containers to rupture/explode.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO ₂). Nitrogen oxides. Amines. chlorine oxides.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: In case of fire: Stop leak if safe to do so. Cool down the containers exposed to heat with a water spray.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Do not touch or walk on the spilled product.

For non-emergency personnel

Emergency procedures : Avoid contact with eyes, skin and clothing. Wear suitable protective clothing. Ventilate area.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Methods and materials for containment and cleaning up

For containment	: Stop leak if safe to do so. Remove all sources of ignition.
Methods for cleaning up	: Use non-sparking tools. Absorb and/or contain spill with inert material, then place in suitable container. Use appropriate container to avoid environmental contamination.
Other information	: Dispose of materials or solid residues at an authorized site. Notify authorities if product enters sewers or public waters.

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid contact with eyes, skin and clothing. Wear personal protective equipment. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid breathing mist, vapors. Ensure adequate ventilation. Do not use or store near heat or open flame. Keep away from open flames, hot surfaces and sources of ignition. Refer to product label for additional information on use and handling. Follow all SDS precautions in Section 13 when handling empty containers.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Store in dry, well-ventilated area. Store at room temperature. Do not use or store near heat or open flame. Keep away from heat and direct sunlight. Do not contaminate water, food, or feed by storage or disposal. Keep container closed when not in use. Keep out of the reach of children.
--------------------	--

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Isopropanol (67-63-0)	
USA - ACGIH - Occupational Exposure Limits	
Local name	2-Propanol
ACGIH® TLV® TWA	491 mg/m ³ 200 ppm
ACGIH® TLV® STEL	984 mg/m ³ 400 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure Indices	
Local name	2-Propanol
BEI (BLV)	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OSHA PEL (TWA)	980 mg/m ³ 400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Isopropanol (67-63-0)	
Cal/OSHA PEL (OEL TWA)	980 mg/m ³
	400 ppm
Cal/OSHA STEL	1225 mg/m ³
	500 ppm
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
Local name	Isopropyl alcohol
NIOSH REL 10h TWA	400 ppm
NIOSH REL (STEL)	500 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
2-Butoxyethanol (111-76-2)	
USA - ACGIH - Occupational Exposure Limits	
Local name	2-Butoxyethanol (EGBE)
ACGIH® TLV® TWA	97 mg/m ³
	20 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
Regulatory reference	ACGIH 2025
USA - ACGIH - Biological Exposure Indices	
Local name	2-Butoxyethanol (EGBE)
BEI (BLV)	200 mg/g Kreatinin Parameter: Butoxyacetic acid (BAA) - Medium: urine - Sampling time: End of shift
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	2-Butoxyethanol
OSHA PEL (TWA)	240 mg/m ³
	50 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	2-Butoxyethanol (EGBE) [Glycol monobutyl ether]
Cal/OSHA PEL (OEL TWA)	97 mg/m ³
	20 ppm
Remark (Cal/OSHA)	S - Skin notation and Protecting Clothing
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
Local name	2-Butoxyethanol

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

2-Butoxyethanol (111-76-2)	
NIOSH REL 10h TWA	5 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Ethanol (64-17-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethanol
ACGIH® TLV® STEL	1000 ppm
Remark (ACGIH®)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL (TWA)	1900 mg/m ³ 1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	Ethyl alcohol; ethanol
Cal/OSHA PEL (OEL TWA)	1900 mg/m ³ 1000 ppm
Regulatory reference	California Division of Occupational Safety and Health (Cal/OSHA) - Permissible Exposure Limit for Chemical Contaminants (Table AC-1)
USA - NIOSH - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
NIOSH REL 10h TWA	1000 ppm
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

- Appropriate engineering controls : Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
In case of repeated or prolonged contact wear gloves. Contact your glove supplier for selection assistance.
Eye protection:
Wear safety goggles or other eye protection to prevent eye contact.
Skin and body protection:
Wear suitable protective clothing

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Respiratory protection:

No respiratory protection needed under normal use conditions. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Hazy to clear. Liquid.
Color	: Hazy to clear
Odor	: Alcohol
Odor threshold	: 0.001 ppm Ethylene glycol monobutyl ether (EGBE)
pH	: 8.5 – 12.49
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 34.4 °C (93.92 °F)
Flammability (solid, gas)	: Flammable liquid.
Vapor pressure	: 19 kPa 20°C (Ethanol)
Relative vapor density at 20°C	: 5.87 (Ethanol)
Relative density	: 0.964
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: Lower explosion limit: 2 vol % (Isopropanol) Upper explosion limit: 19 vol % (Ethanol)
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content	: 20 %
-------------	--------

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Oxidizing agents, reducing agents, acids, bases.

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

CaviCide 1™	
LD50 oral rat	> 5000 mg/kg (US EPA OCSPP 870.1100)
LD50 dermal rat	> 5050 mg/kg (US EPA OCSPP 870.1200)

Isopropanol (67-63-0)	
LD50 oral rat	5840 mg/kg
LD50 oral	4384 mg/kg
LD50 dermal rabbit	12800 mg/kg
LC50 Inhalation - Rat [ppm]	1666.66 ppm/1h

2-Butoxyethanol (111-76-2)	
LD50 oral rat	1746 mg/kg
LD50 oral	1414 mg/kg
LD50 dermal rat	> 2000 mg/kg bw/day

Ethanol (64-17-5)	
LD50 oral rat	15010 mg/kg body weight
LD50 oral	8300 mg/kg body weight
LC50 Inhalation - Rat (Vapors)	≈ 116.9 mg/l/4h

Didecyldimethylammonium chloride (7173-51-5)	
LD50 oral rat	238 mg/kg
LD50 dermal rabbit	≈ 3342 mg/kg

Skin corrosion/irritation : Not classified (This product was tested and based on available data, the classification criteria are not met.).
pH: 8.5 – 12.49

Serious eye damage/irritation : Causes serious eye irritation.
On basis of test data
pH: 8.5 – 12.49

Respiratory or skin sensitization : Not classified (No sensitizing reaction was observed for guinea pigs; This product was tested and based on available data, the classification criteria are not met.)

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Isopropanol (67-63-0)	
IARC group	3 - Not classifiable

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

2-Butoxyethanol (111-76-2)	
IARC group	3 - Not classifiable
Ethanol (64-17-5)	
IARC group	1 - Carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Isopropanol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Ethanol (64-17-5)	
NOAEL (subchronic,oral,animal/male,90 days)	< 9700 mg/kg body weight
NOAEL (subchronic,oral,animal/female,90 days)	> 9400 mg/kg body weight
Aspiration hazard	: Not classified
Inhalation	: At high concentrations, the vapors can be irritating to the respiratory system. High concentration of vapors may induce: headache, nausea, dizziness.
Skin	: Repeated or prolonged skin contact may cause irritation. Repeated exposure may cause skin dryness or cracking.
Eyes	: May cause moderate irritation, including burning sensation, tearing, redness or swelling.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Prolonged overexposure to ethylene glycol monobutyl ether may affect liver, kidneys, blood, lymphatic system or central nervous system.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: Avoid release to the environment.
Hazardous to the aquatic environment, short-term (acute)	: Harmful to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

CaviCide 1™	
LC50 - Fish [1]	32.1 mg/l Pimephales promelas (Fathead minnow)
Isopropanol (67-63-0)	
LC50 - Fish [1]	10000 mg/l Pimephales promelas (Fathead minnow)
EC50 - Crustacea [1]	1000 mg/l
LC50 - Fish [2]	9640 mg/l Pimephales promelas (Fathead minnow)
ErC50 algae	1000 mg/l
NOEC chronic crustacea	100 mg/l
2-Butoxyethanol (111-76-2)	
LC50 - Fish [1]	1474 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	≈ 1800 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	911 mg/l Pseudokirchneriella subcapitata

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

2-Butoxyethanol (111-76-2)	
EC50 72h - Algae [2]	1840 mg/l Pseudokirchneriella subcapitata
NOEC (chronic)	100 mg/l Daphnia magna (Water flea)
NOEC chronic fish	> 100 mg/l Danio rerio (Zebrafish)
Ethanol (64-17-5)	
LC50 - Fish [1]	14.2 g/l Pimephales promelas (Fathead minnow)
EC50 - Crustacea [1]	> 100 mg/l
NOEC (chronic)	9.6 mg/l Daphnia magna (Water flea)
Didecyldimethylammonium chloride (7173-51-5)	
LC50 - Fish [1]	≈ 0.97 mg/l Brachydanio rerio (zebra-fish)
EC50 - Crustacea [1]	≈ 0.057 mg/l Daphnia magna (Water flea)
LC50 - Fish [2]	≈ 0.49 mg/l Brachydanio rerio (zebra-fish)
EC50 - Crustacea [2]	≈ 0.029 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	≈ 0.062 mg/l Pseudokirchneriella subcapitata
LOEC (chronic)	≈ 0.047 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≈ 0.014 mg/l Daphnia magna (Water flea)
NOEC chronic algae	0.011 mg/l Pseudokirchneriella subcapitata

12.2. Persistence and degradability

CaviCide 1™	
Persistence and degradability	Rapidly degradable
Isopropanol (67-63-0)	
Persistence and degradability	Readily biodegradable.
Chemical oxygen demand (COD)	2.23 g O ₂ /g substance
2-Butoxyethanol (111-76-2)	
Persistence and degradability	Readily biodegradable.
Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable.
Didecyldimethylammonium chloride (7173-51-5)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Isopropanol (67-63-0)	
BCF - Fish [1]	3
Partition coefficient n-octanol/water (Log Kow)	0.05
Ethanol (64-17-5)	
Bioaccumulative potential	Low bioaccumulation potential.

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

12.4. Mobility in soil

Isopropanol (67-63-0)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.5
--	-----

12.5. Other adverse effects



Ozone	: Not classified
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Waste treatment methods	: Pesticide Disposal: Wastes resulting from the use of this product may be disposed of according to applicable Federal, State or local procedures. Do not contaminate water, food, or feed by storage or disposal.
Product/Packaging disposal recommendations	: Container Handling: Refillable container [to be refilled by users]. Refill this container with CaviCide 1 [this product solution] only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. [A 50 gallon rinse with DI water is required to clean a 350 gallon tote.] Cleaning before refilling is the responsibility of the refiller. Offer for recycling, if available. Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, keep out of smoke.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated	Not regulated	1987	1987
14.2. Proper Shipping Name			
Not regulated	Not regulated	ALCOHOLS, N.O.S. (Propan-2-ol, isopropyl alcohol, isopropanol ; Ethanol)	Alcohols, n.o.s. (Propan-2-ol, isopropyl alcohol, isopropanol ; Ethanol)
14.3. Transport hazard class(es)			
Not regulated	Not regulated	3	3
	Not regulated		
14.4. Packing group			
Not regulated	Not regulated	III	III
14.5. Environmental hazards			
Not regulated	Not regulated	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
Note: Not regulated for transport as a flammable liquid per aqueous alcohol exemption 49 CFR 173.150(e) for DOT and 1.36(b) for TDG.			

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

No data available

IATA

No data available

SECTION 15 Regulatory information

15.1. Federal regulations

CaviCide 1™

SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
-------------------------------------	--

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	CAS-No. 111-76-2	1-5%
--	------------------	------

FIFRA Labelling

EPA Registration Number	46781-12
-------------------------	----------

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

FIFRA Signal Word	Warning
-------------------	---------

FIFRA Precautionary Statement	Keep out of reach of children. Hazards to Humans and Domestic Animals.
-------------------------------	--

FIFRA Human Health Hazards	Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.
----------------------------	---

FIFRA First Aid	IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
-----------------	---

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

FIFRA Labelling	
FIFRA Environmental Hazards	Environmental Hazards: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.
FIFRA Physical Hazard	Combustible. Do not use or store near heat or open flame.

15.2. International regulations

CANADA

Isopropanol (67-63-0)
Listed on the Canadian DSL (Domestic Substances List)

2-Butoxyethanol (111-76-2)
Listed on the Canadian DSL (Domestic Substances List)

Ethanol (64-17-5)
Listed on the Canadian DSL (Domestic Substances List)

Didcyldimethylammonium chloride (7173-51-5)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Ethanol (64-17-5)
Listed on IARC (International Agency for Research on Cancer) Listed on INSQ (Mexican National Inventory of Chemical Substances)

Didcyldimethylammonium chloride (7173-51-5)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

Component	State or local regulations
Isopropanol(67-63-0)	U.S. - New Jersey - Right to Know Hazardous Substance List
2-Butoxyethanol(111-76-2)	U.S. - New Jersey - Right to Know Hazardous Substance List
Ethanol(64-17-5)	U.S. - New Jersey - Right to Know Hazardous Substance List

CaviCide 1™

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date : 10/2/2025

Full text of hazard classes and H-statements	
H226	Flammable liquid and vapor
H319	Causes serious eye irritation
H402	Harmful to aquatic life

Indication of changes:
New format.

Safety Data Sheet (SDS), USA

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date of preparation, however, METREX® RESEARCH makes no warranty with respect to the accuracy or suitability of the recommendations, and assumes no liability to any use thereof.