CaviWipes™ Clear

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 1/21/2026

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : CaviWipes™ Clear

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
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 2	H225	Highly flammable liquid and vapor.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H225 - Highly flammable liquid and vapor
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
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.
P241 - Use explosion-proof electrical equipment.
P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.
P261 - Avoid breathing vapors.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
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.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a doctor if you feel unwell.
P370+P378 - In case of fire: Use Dry chemical, CO2, alcohol-resistant foam or waterspray to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
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

Mixtures

Name	Product identifier	Conc. (% w/w)
Isopropanol	CAS-No.: 67-63-0	60-80

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret
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 : Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.

First-aid measures after skin contact : No first aid should be needed. Gently wash with plenty of soap and water. Get medical advice if skin irritation persists.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

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	:	No adverse effects expected under normal conditions of use.
Eyes	:	May cause moderate irritation to the eyes.
Ingestion	:	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Chronic symptoms	:	None known.

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, CO2, 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	:	This product contains a flammable liquid saturant and will burn under fire conditions. However, this product contains only a small amount of liquid per container, therefore the risk of creating a fire hazard is minimal.
Explosion hazard	:	Prolonged exposure to fire may cause containers to rupture/explode.
Hazardous decomposition products in case of fire	:	Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Cool down the containers exposed to heat with a water spray. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. 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.

For non-emergency personnel

Emergency procedures	:	Avoid contact with skin and eyes. Avoid breathing vapors.

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".
Environmental precautions	:	Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up	:	Do not re-use towelette. Pick up wipe and place into a container for disposal. Do not flush down sewers.
Other information	:	Dispose of materials or solid residues at an authorized site.

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. Avoid repeated or prolonged skin contact. Avoid breathing vapors. Keep away from open flames, hot surfaces and sources of ignition. Keep containers closed. Refer to product label for additional information on use and handling.

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, cool, well-ventilated area. Keep away from heat and direct sunlight. Protect container from physical damage. Keep containers closed when not in use to prevent moisture loss.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Isopropanol (67-63-0)	
USA - ACGIH® - Threshold Limit Values	
Local name	2-Propanol
ACGIH® TLV® TWA	491 mg/m³
	200 ppm
ACGIH® TLV® STEL	984 mg/m³
	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/m³
	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - Cal/OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
Cal/OSHA PEL (OEL TWA)	980 mg/m³
	400 ppm
Cal/OSHA STEL	1225 mg/m³

Isopropanol (67-63-0)	
	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))

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.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
No personal protective equipment required under normal use. Handling product in bulk: In case of repeated or prolonged contact wear gloves
Eye protection:
Not required for normal conditions of use. Handling product in bulk: Wear security glasses which protect from splashes
Skin and body protection:
No personal protective equipment required under normal use.
Respiratory protection:
No respiratory protection needed under normal use conditions

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Wipes saturated with liquid.
Color : Colorless
Odor : Alcohol
Odor threshold : No data available
pH : No data available
Melting point : No data available
Freezing point : -87.9 °C (-126.22°F) (Isopropanol)
Boiling point : 80.9 – 83.2 °C (177.6-181.8°F) (Isopropanol)
Flash point : 22.2 °C (72°F)
Flammability (solid, gas) : Flammable solid.
Vapor pressure : No data available
Relative vapor density at 20°C : No data available
Relative density : No data available
Solubility : Soluble in water. (Saturant).
Partition coefficient n-octanol/water (Log Pow) : No data available
Auto-ignition temperature : 399 – 455.6 °C (750.2-852.08°F) (Isopropanol)
Decomposition temperature : No data available
Viscosity, kinematic : Not applicable

Explosion limits : Lower explosion limit: 2 Vol-% (Isopropanol)
Upper explosion limit: 12 Vol-% (Isopropanol)
Particle characteristics : Not applicable

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

No additional information available

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 heat, sparks and flame.

10.5. Incompatible materials

Keep away from strong acids, strong bases and oxidizing agents.

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

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

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

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

Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.

Isopropanol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

CaviWipes™ Clear	
Viscosity, kinematic	Not applicable

Inhalation : At high concentrations, the vapors can be irritating to the respiratory system. High concentration of vapors may induce: headache, nausea, dizziness.

Skin : No adverse effects expected under normal conditions of use.

Eyes : May cause moderate irritation to the eyes.

Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

Chronic symptoms : None known.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

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

12.2. Persistence and degradability

CaviWipes™ Clear	
Persistence and degradability	No additional information available.

Isopropanol (67-63-0)	
Persistence and degradability	Readily biodegradable.
Chemical oxygen demand (COD)	2.23 g O_2/g substance

12.3. Bioaccumulative potential

Isopropanol (67-63-0)	
BCF - Fish [1]	3
Partition coefficient n-octanol/water (Log Kow)	0.05

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 : Dispose of in accordance with applicable federal, state, and local regulations.
Product/Packaging disposal recommendations : Towelette Disposal: Dispose of used towelette in trash after use. Do not re-use towelette. Do not flush in toilet. Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
UN1219	UN1219	1219	1219
14.2. Proper Shipping Name			
Isopropanol Solution	ISOPROPANOL Solution	ISOPROPANOL (ISOPROPYL ALCOHOL) Solution	Isopropanol Solution
Transport document description			
UN1219 Isopropanol Solution, 3, II	UN1219 ISOPROPANOL Solution, 3, II	UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL) Solution, 3, II	UN 1219 Isopropanol Solution, 3, II
14.3. Transport hazard class(es)			
3	3	3	3
			
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
No data available

TDG
No data available

IMDG
No data available

IATA
No data available

SECTION 15 Regulatory information

15.1. Federal regulations

CaviWipes™ Clear	
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.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date : 1/21/2026

Full text of hazard classes and H-statements	
H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

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Safety Data Sheet

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

Indication of changes:
New SDS.

Safety Data Sheet (SDS), USA

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