

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071362243

N/A

## 1. Identification

**Product name:** CaviWipes™ 2.0  
**Recommended use:** Hard surface cleaner and disinfectant wipe  
**Restrictions on use:** None known  
**Manufacturer:** METREX® RESEARCH  
 28210 Wick Road  
 Romulus, MI., 48174-U.S.A.  
 T 1-800-841-1428 (Customer Service)  
[safety@kavokerr.com](mailto:safety@kavokerr.com)  
**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)  
**Issue date:** 11/22/2021

## 2. Hazard(s) identification

### Classification:

Physical hazards	Health hazards	Environmental hazards
Flammable liquids Category 4	Not classified	Not classified

### GHS US labeling:

Warning!

Hazard statements (GHS US)	Precautionary statements (GHS US)
H227 - Combustible liquid	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 - Wear eye protection. P370+P378 - In case of fire: Use Dry chemical, CO2, alcohol-resistant foam or waterspray to extinguish. P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 3: Composition/Information on ingredients

Component	CAS-No.	Amount (%)
Propan-2-ol, isopropyl alcohol, isopropanol	67-63-0	10-20
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	111-76-2	1 – 5
Didecyldimethylammonium chloride	7173-51-5	0.17
Benzalkonium chloride	68424-85-1	0.11

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

#### 4. First-aid measures

**Inhalation:** No specific first aid measures are required.

**Skin:** No specific first aid measures are required.

**Eyes:** No first aid should be needed. Rinse eyes with water as a precaution.

**Ingestion:** Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

**Symptoms/effects:** May cause minor eye irritation. Repeated or prolonged skin contact may cause irritation.

**Immediate medical attention and special treatment, if necessary:** Not required.

#### 5. Fire-fighting measures

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Unsuitable extinguishing media:** None.

**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. Combustion products may include the following: carbon oxides (CO, CO<sub>2</sub>) (carbon monoxide, carbon dioxide) nitrogen oxides (NO, NO<sub>2</sub> etc.). Sulfur oxides (SO<sub>x</sub>). Aldehydes. hydrogen chloride.

**Special protective equipment and precautions for fire-fighters:** Do not attempt to take action without suitable protective equipment.

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Remove ignition sources. Avoid contact with skin and eyes. Wear suitable protective clothing.

**Methods and material for containment and cleaning up:** Do not re-use towelette. Pick up wipe and place into a container for disposal. Do not flush down sewers. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

#### 7. Handling and storage

**Precautions for safe handling:** Avoid contact with eyes. Wash hands with water and soap. Keep container closed when not in use. Refer to product label for additional information on use and handling.

**Storage conditions:** Store in dry, cool, well-ventilated area. Protect container from physical damage. Keep containers closed when not in use to prevent moisture loss.

#### 8. Exposure controls/personal protection

Exposure guidelines:	
Propan-2-ol, isopropyl alcohol, isopropanol	980 mg/m <sup>3</sup> TWA OSHA PEL; 400 ppm TWA OSHA PEL; 200 ppm TWA ACGIH TLV; 400 ppm STEL ACGIH TLV;
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	240 mg/m <sup>3</sup> TWA OSHA PEL; 50 ppm TWA OSHA PEL; 20 ppm TWA ACGIH TLV;
Benzalkonium chloride	None established.
Didecyldimethylammonium chloride	None established.

**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Personal protective equipment:**

**Hand protection:** No personal protective equipment required under normal use. In case of repeated or prolonged contact wear gloves

**Eye protection:** No personal protective equipment required under normal use

**Skin and body protection:** No personal protective equipment required under normal use

**Respiratory protection:** No respiratory protection needed under normal use conditions

## 9. Physical and chemical properties

**Appearance:** Clear liquid on a white towelette.

<b>Physical state</b>	: Solid	<b>Solubility</b>	: Soluble in water.
<b>Color</b>	: Colorless	<b>Partition coefficient n-octanol/water (Log Pow)</b>	: No data available
<b>Odor</b>	: Alcohol	<b>Auto-ignition temperature</b>	: No data available
<b>Odor threshold</b>	: No data available	<b>Decomposition temperature</b>	: No data available
<b>pH</b>	: 6.5 – 8.5 (Saturant)	<b>Viscosity, kinematic</b>	: No data available
<b>Melting point</b>	: Not applicable	<b>Viscosity, dynamic</b>	: No data available
<b>Freezing point</b>	: No data available	<b>Explosion limits</b>	: Lower explosive limit (LEL): 2 vol % Upper explosive limit (UEL): 12.7 vol %
<b>Boiling point</b>	: No data available	<b>Explosive properties</b>	: No data available
<b>Flash point</b>	: 87 °C (Saturant) (188.6 °F)	<b>Oxidizing properties</b>	: No data available
<b>Relative evaporation rate (butyl acetate=1)</b>	: No data available		
<b>Flammability (solid, gas)</b>	: Not applicable.		
<b>Vapor pressure</b>	: 43.3 mm Hg @ 20°C (Isopropanol)		
<b>Relative vapor density at 20 °C</b>	: 2.1 (Isopropanol)		
<b>Relative density</b>	: 0.9734 (Saturant)		

No additional information available

## 10. Stability and reactivity

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

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.

**Conditions to avoid:** Keep away from heat and flame.

**Incompatible materials:** Oxidizing agents, reducing agents, acids, bases.

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

## 11. Toxicological information

**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 minor eye irritation.

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

**Chronic symptoms:** None known.

<b>Carcinogenicity:</b>	Not classified
Propan-2-ol, isopropyl alcohol, isopropanol:	IARC 3 - Not classifiable;
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve:	IARC 3 - Not classifiable;
Benzalkonium chloride:	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Didecyldimethylammonium chloride:	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
<b>Germ cell mutagenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified
Propan-2-ol, isopropyl alcohol, isopropanol:	Not classified
<b>Numerical measures of toxicity:</b>	Oral rat LD50- > 5000 mg/kg (US EPA OCSPP 870.1100); Dermal rat LD50- > 5050 mg/kg (US EPA OCSPP 870.1200); Inhalation rat LC50- >2.07 mg/l/4h (dust/mist) (US EPA OCSPP 870.1300)

### The following are the toxicity values for the components:

Propan-2-ol, isopropyl alcohol, isopropanol:	Oral rat LD50- 5840 mg/kg; Dermal rabbit LD50- 16.4 ml/kg; Inhalation rat LC50- 1666.66 ppm/1h
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve:	Oral rat LD50- 1746 mg/kg; Dermal rat LD50- > 2000 mg/kg;
Benzalkonium chloride:	Oral rat LD50- 397.5 mg/kg; Dermal rabbit LD50- 3412.5 mg/kg;
Didecyldimethylammonium chloride:	Oral rat LD50- 238 mg/kg; Dermal rabbit LD50- ≈ 3342 mg/kg;
<b>Skin corrosion/irritation</b>	This product was tested and based on available data, the classification criteria are not met. pH: 6.5 – 8.5 (Saturant)
<b>Serious eye damage/irritation</b>	This product was tested and based on available data, the classification criteria are not met. pH: 6.5 – 8.5 (Saturant)
<b>Respiratory or skin sensitization</b>	This product was tested and based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Not classified
<b>STOT-repeated exposure</b>	Not classified

## 12. Ecological information

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

### CaviWipes™ 2.0

LC50 - Fish [1]	172 mg/l Pimephales promelas (Fathead minnow)
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**Ecotoxicity:**

Propan-2-ol, isopropyl alcohol, isopropanol      10000 mg/L Fish LC50; 10000 mg/L Daphnia EC50

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve      1474 mg/L Fish LC50; 1800 mg/L Daphnia EC50

Benzalkonium chloride      0.515 mg/L Fish LC50; 0.016 mg/L Daphnia EC50; 0.049 mg/L Algae ErC50

Didecyltrimethylammonium chloride      0.97 mg/L Fish LC50; 0.057 mg/L Daphnia EC50

**Persistence and degradability:**

Propan-2-ol, isopropyl alcohol, isopropanol:      No data available  
Readily biodegradable.

**Bioaccumulative potential:**

Propan-2-ol, isopropyl alcohol, isopropanol:      No data available  
BCF Fish - 3; Log KOW0.05

**Mobility in soil:**

No data available

**Other adverse effects:**

No data available

## 13. Disposal considerations

**Regional legislation (waste):** Dispose as hazardous waste with infectious risk because wipes are often contaminated by materials considered biological hazards once used. The danger from the wipe comes from the fact that – once used – it contains dead microorganisms and biological dirt or blood.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available, discard in trash.

## 14. Transport information

**Department of Transportation (DOT)**

Not regulated for transport

**Transport by sea**

Not regulated for transport

**Air transport**

Not regulated for transport

## 15. Regulatory information

**SARA Section 313 - Emission Reporting:**

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	111-76-2	1 – 5%
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**CERCLA Section 103:**

This product is not subject to reporting under CERCLA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA 302:**

Not applicable

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

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

<b>16. Other information</b>
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**NOTICE**

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