



**M2DCON, INC.**

## **Product Safety Data Sheet**

### **CBR Multi Purpose Wipes**

#### **SECTION 1: Identification**

##### **1.1 Product identifier**

Product name	CBR Multi Purpose Wipes
Product number	CW-M334-*
Brand	M2DCON

##### **1.2 Other means of identification**

Product Form: Wipes

##### **1.3 Recommended use of the chemical and restrictions on use**

Use of the Substance/Mixture: Multi Purpose Wipe, For Professional use only

##### **1.4 Supplier's details**

Name	M2DCON, Inc.
Address	6519 Eastland Rd Suite 106 Brook Park Ohio 44142 USA
Telephone	+1 216-214-3397
email	techsupport@m2dcon.com

##### **1.5 Emergency phone number(s)**

INFOTRAC 800-535-5053 (US and CANADA)  
+1 352-3233500

#### **SECTION 2: Hazard identification**

##### **2.1 Classification of the substance or mixture**

**GHS classification in accordance with: OSHA (29 CFR 1910.1200)**

- Eye damage/irritation, Cat. 2A

##### **2.2 GHS label elements, including precautionary statements**

**Pictogram**

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1. Exclamation mark

### Signal word

**Warning**

### Hazard statement(s)

H319

Causes serious eye irritation

### Precautionary statement(s)

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/attention.

### 2.3 Other hazards which do not result in classification

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

##### 1. Isopropanol

Concentration 30 - 60 % (weight)  
EC no. 414-810-0  
CAS no. 67-63-0  
Index no. 607-403-00-6

- Flammable liquids, Cat. 2
- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (single exposure), Cat. 3

H225 Highly flammable liquid and vapor  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness

##### 2. 2-Phenoxyethanol

Concentration 1 - 5 % (weight)  
EC no. 204-589-7  
CAS no. 122-99-6  
Index no. 603-098-00-9

- Acute toxicity, oral, Cat. 4
- Serious eye damage/eye irritation, Cat. 2

H302 Harmful if swallowed  
H319 Causes serious eye irritation

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible). Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Call a poison center or doctor if you feel unwell. If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	If symptoms occur, wash with water. Call a poison center or doctor if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
	Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Personal protective equipment for first-aid responders  
General First Aid PPE

#### 4.2 Most important symptoms/effects, acute and delayed

Symptoms/Injuries: Eye irritation.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact: Not likely to cause adverse effects.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known

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

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Specific hazards arising from the chemical

Fire Hazard: Highly flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. Not likely to occur in packaged form.

Explosion Hazard: May form flammable/explosive vapor-air mixture. Not likely to occur in packaged form.

Reactivity: Hazardous reactions will not occur under normal conditions

#### 5.3 Special protective actions for fire-fighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

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Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Hazardous Combustion Products: Carbon oxides (CO, CO<sub>2</sub>).

### Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Non-sparking tools should be used. Soak up with inert absorbent material. Suppress (knock down) gases/vapors/mists with a water spray jet.

For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.

### Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Do not swallow. Do not eat, drink or smoke when using this product. Do not get the product in your eyes. See Section 8 for information on Personal Protective Equipment. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.2

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep away from heat and sources of ignition. Keep from contact with oxidizing materials. Do not store in direct sunlight. Store in a tightly closed container. Flammables-area. Protect containers against damage. Keep container closed when not in use.

Incompatible Products: Strong Acids, Strong Bases, Strong Oxidizers

### Specific end use(s)

Multi Purpose Decontamination Wipe. For professional use only.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### CAS: 67-63-0

Isopropanol

ACGIH (USA): 200 ppm, (ST) 400 ppm TLV® inhalation; Cal/OSHA: 400 ppm, (ST) 500 ppm PEL inhalation; NIOSH: 400 ppm, (ST) 500 ppm REL inhalation; OSHA: 400 ppm PEL inhalation; 980 mg/m<sup>3</sup> PEL inhalation

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### 8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### **Eye/face protection**

To protect your eyes/face (e.g., if responding to a large spill), wear safety glasses. Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

#### **Skin protection**

To protect your hands (e.g., if responding to a large spill), wear protective gloves (rubber, chemical resistant). Consult manufacturer specifications for further information. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body protection**

To protect your skin (e.g., if responding to a large spill), wear protective clothing. The clothing should be impervious, flame retardant and antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Thermal hazards**

No data available.

#### **Environmental exposure controls**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Wipe, White Cloth
Odor	Alcohol
Odor threshold	No data available.
pH	// ----- Enter if known ----- //
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	70oF Pensky-Martens Closed Cup (21.11oC)
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	// ----- Enter if known ----- //
Solubility(ies)	Complete in Water

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Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	Not expected to present an explosion hazard due to mechanical impact.
	Not expected to present an explosion hazard due to static discharge.
Oxidizing properties	No data available.

### Other safety information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

### 10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5 Incompatible materials

Strong oxidizers. Halogens. Aldehydes, Inorganic acids.

### 10.6 Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). May release flammable gases.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Components:

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

#### ETHYLENE GLYCOL MONOPHENYL ETHER

LD50 Oral - Rat - 1,850 mg/kg

#### ETHYLENE GLYCOL MONOPHENYL ETHER

LD50 Skin - Rat - 14,422 mg/kg

Remarks: Lungs, Thorax, or Respiration:Acute pulmonary edema

#### ISOPROPANOL

LD50 Oral - Rat - 5,045 mg/kg

Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Somnolence (general depressed activity).

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### ISOPROPANOL

LC50 Inhalation - Rat - 16000 ppm - 8 h

### ISOPROPANOL

LD50 Skin - Rabbit - 12,800 mg/kg

### Skin corrosion/irritation

Not expected from normal use. Discontinue use if you experience any skin irritation and seek medical advice if condition persists

### Serious eye damage/irritation

Causes serious eye irritation.

### Respiratory or skin sensitization

Not expected from normal use. Discontinue use if you experience any irritation or sensitization.

### Germ cell mutagenicity

No data available.

### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### Reproductive toxicity

No data available.

### Summary of evaluation of the CMR properties

No data available.

### STOT-single exposure

May cause drowsiness or dizziness.

### STOT-repeated exposure

No data available

### Aspiration hazard

No data available.

### Additional information

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

## SECTION 12: Ecological information

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### Toxicity

Components:

#### ETHYLENE GLYCOL MONOPHENYL ETHER

LC50 - Pimephales promelas (fathead minnow) - 344 mg/l - 96 h

#### ETHYLENE GLYCOL MONOPHENYL ETHER

EC50 - Daphnia magna (water flea) - > 500 mg/l - 48 h

#### ETHYLENE GLYCOL MONOPHENYL ETHER

EC50 - Desmodesmus subspicatus (chodat) - > 500 mg/l - 72 h

#### ISOPROPANOL

LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h

#### ISOPROPANOL

EC50 - Daphnia magna (water flea) - 5,102.00 mg/l - 24 h

### Persistence and degradability

No data available on product

### Bioaccumulative potential

CBR MULTI PURPOSE WIPES: Not Established

ETHYLENE GLYCOL MONOPHENYL ETHER: Log Pow 1.13 (at 25oC)

ISOPROPANOL: Log Pow 0.05 (at 25oC)

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### Other adverse effects

Avoid Release into environment.

## SECTION 13: Disposal considerations

### Disposal of the product

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

### Disposal of contaminated packaging

Handle empty containers with care because residual vapors are flammable.

### Waste treatment

Used wipes should be handled and treated as appropriate for the contaminant(s) cleaned with the wipe.

### Sewage disposal

Not applicable

### Other disposal recommendations

Unopened wipes should be disposed in accordance with all local, regional, national, provincial, territorial and international regulations.

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Opened uncontaminated wipes can be handed as general waste.

Wipes used to decontaminate hazardous substances should be handled as appropriate for the contaminant.

### SECTION 14: Transport information

#### DOT (US)

UN Number: UN3175

Class: 4.1 Note: May be subject to special provision 47.

Packing Group: II

Proper Shipping Name: Solids containing flammable liquid, n.o.s. (isopropyl alcohol)

Limited Quantity: YES

#### IMDG

UN Number: UN3175

Class: 4.1 Note: May be subject to special provision 216.

Packing Group: II

Proper Shipping Name: Solids containing flammable liquid, n.o.s. (isopropyl alcohol)

Limited Quantity: YES

#### IATA

UN Number: UN3175

Class: 4.1 Note: May be subject to special provision A46

Packing Group: II

Proper Shipping Name: Solids containing flammable liquid, n.o.s. (isopropyl alcohol)

Limited Quantity: YES

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

##### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

##### SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

##### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

##### New Jersey Right To Know Components

No components are subject to the New Jersey Right to Know Act.

##### Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right To Know Act.

##### California Prop. 65 Components

## **Product Safety Data Sheet** **CBR Multi Purpose Wipes**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **Massachusetts Right To Know Components**

Isopropyl alcohol  
CAS number: 67-63-0

### **New Jersey Right To Know Components**

Isopropyl alcohol  
CAS number: 67-63-0

### **Pennsylvania Right To Know Components**

Isopropyl alcohol  
CAS number: 67-63-0

### **SARA 313 Components**

The following components are subject to reporting levels established by SARA Title III, Section 313:  
Isopropyl alcohol  
CAS number: 67-63-0

### **SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

### **California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### **Canadian Domestic Substances List (DSL)**

Chemical name: 2-Propanol  
CAS: 67-63-0

### **New Jersey Right To Know Components**

2-Phenoxyethanol  
CAS-No. 122-99-6

### **Pennsylvania Right To Know Components**

2-Phenoxyethanol  
CAS-No. 122-99-6

### **SARA 313 Components**

2-Phenoxyethanol  
CAS-No. 122-99-6

### **Canadian Domestic Substances List (DSL)**

Chemical name: Ethanol, 2-phenoxy-  
CAS: 122-99-6

## **15.2 Chemical Safety Assessment**

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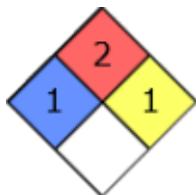
NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 2 - Must be moderately heated or exposed to relatively high ambient temperature before ignition can occur.

NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.

### HMIS Rating

CBR Multi Purpose Wipes	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### NFPA Rating



## SECTION 16: Other information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### 16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall M2DCON, Inc., be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if M2DCON, Inc., has been advised of the possibility of such damages.

### 16.2 Preparation information

M2DCON, Inc.