

## Safety Data Sheet

### Section 1. Product identification

**Product Trade Name:** EZ Wipes®  
**Product Use:** Abrasive Cleaning Wipe  
**Formula Name:** N/A  
**Email Address:** info@arc-zone.com  
**Web Address:** [www.arc-zone.com](http://www.arc-zone.com)  
**USA Address:** 1331 Specialty Dr Vista CA 92081  
**Telephone:** 1.760.931.1500  
**Preparation Date:** January 1, 2020

### Section 2. Hazards identifications

<b>EYE:</b>	May cause moderate to severe irritation; may cause burning sensation, inflammation, swelling, redness, or tearing.
<b>SKIN:</b>	May cause mild irritation in the form of redness or stinging. Prolonged and repeated exposure could cause drying of skin.
<b>INGESTION:</b>	May cause gastrointestinal disturbances, nausea, vomiting, diarrhea, or dizziness.
<b>INHALATION:</b>	Prolonged exposure may cause mild irritation. May cause headache or dizziness.

#### GHS CATEGORIES:

Criteria	Category	Signal Word	Pictograms
Flammable Liquid	2	Warning	Flame
Eye Irritation	2A	3	Exclamation
Specific Target Organ Toxicity – Single Exposure	3	Warning	Exclamation

## Section 3. Composition, information on ingredients

Hazardous Ingredients:

Compound	CAS Number	EINECS	Percent Composition
Isopropyl Alcohol	67-63-0	200-661-7	40-60 % by weight
Ethyl Lactate	97-64-3	202-598-0	5-25% by weight
Isobutyl Alcohol	78-83-1	201-148-0	5-15% by weight
Limonene	5989-27-5	227-813-5	<10% by weight
Proprietary Blend	N/A	N/A	<25 % by weight

## Section 4. First aid measures

<b>INHALATION:</b>	Cough, dizziness, drowsiness, headaches, weakness. - If overcome, remove from vapors to fresh air.
<b>INGESTION:</b>	Nausea, dizziness, weakness, headaches. - Drink significant amount of water. Seek immediate medical attention if required
<b>EYE CONTACT:</b>	Irritation, tearing, redness, pain. - Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Seek immediate medical attention if required.
<b>SKIN CONTACT:</b>	Redness, mild irritation - Flush skin with water if irritated. Wash with soap and water

## Section 5. Fire fighting measures

<b>MEANS OF EXTINCTION:</b>	Alcohol foam, carbon dioxide, dry chemical, water spray, or water fog. Water may be ineffective but should be used to cool fire-exposed structures. Do not use direct water stream or alcohol resistant foam
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	No Data
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Vapors may settle in low – lying areas
<b>FLASH POINT / DETERMINATION:</b>	No Data
<b>AUTO-IGNITION TEMPERATURE:</b>	No Data
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Incompletely burned carbon compounds, smoke, fumes, carbon dioxide, carbon monoxide, irritating and/or toxic gases or fumes.

## Section 6.

### **LEAK / SPILL RESPONSE:**

### **SPECIAL INSTRUCTIONS:**

## Accidental release measures

Eliminate all sources of ignition and maintain adequate ventilation. Avoid breathing vapors.

Dispose of spill waste according to Section 13.

## Section 7.

### **HANDLING PROCEDURES / EQUIPMENT:**

### **STORAGE REQUIREMENTS:**

## Handling and storage

Avoid contact with eyes and skin. Use adequate ventilation. Do not eat, drink, or smoke in work area. Wash thoroughly after handling or wear protective gloves.

Store in a cool, well ventilated area.

## Section 8.

### **PERSONAL PROTECTION:**

### **FACILITY CONSIDERATION: EXPOSURE GUIDELINE LEVELS:**

## Exposure controls, personal protection

None required under normal use conditions. Respiratory protection needed only when ventilation does not prevent symptoms. Eye protection and protective clothing not necessary under normal conditions. Rubber or other protective gloves are recommended for repeated skin contact or prolonged use.

Provide washing stations.

OSHA Exposure Guidelines:

Component	Limits
Isopropyl Alcohol	400 ppm TWA; 980mg/m <sup>3</sup> TWA
Isobutyl Alcohol	100 ppm TWA; 300 mg/m <sup>3</sup> TWA

ACIGH Exposure Guidelines:

Component	Limits
Isopropyl Alcohol	400 ppm STEL; 200 ppm TWA
Isobutyl Alcohol	50 ppm TWA

## Section 9. Physical and chemical properties

<b>PHYSICAL STATE:</b>	Saturated Non-Woven Material
<b>ODOR AND APPEARANCE:</b>	Solvent
<b>ODOR THRESHOLD:</b>	Not Determined
<b>VAPOUR PRESSURE (mm HG):</b>	>1
<b>VAPOUR DENSITY (AIR=1):</b>	>2
<b>EVAPORATION RATE (EE=1):</b>	>0.1
<b>BOILING POINT ( F):</b>	>180° Fahrenheit
<b>FREEZING POINT ( F):</b>	< -85° Fahrenheit
<b>Ph:</b>	N/A
<b>COEFFICIENT OF WATER/OIL DISTRIBUTION:</b>	Not Determined
<b>DENSITY:</b>	0.84510 @ 25° Celsius
<b>SOLUBILITY IN WATER:</b>	Appreciable
<b>FLASH POINT:</b>	69° Fahrenheit

## Section 10. Stability and reactivity

<b>STABILITY:</b>	Stable under normal temperatures and pressures
<b>CONDITIONS TO AVOID:</b>	Avoid contact with heat, sparks, electric arcs, other hot surfaces, and open flames. Avoid static discharge. Avoid sources of ignition
<b>MATERIALS TO AVOID (INCOMPATIBILITIES):</b>	Acids, alkalies, amines, halogens, strong oxidizing agents, chlorine, isocyanates, chlorinated compounds, aldehydes, alkanolamines, ethylene oxide, aluminum, oleum, chromium trioxide, acetaldehyde, ketones, acid anhydrides, permanganates, hydrogen peroxide, potassium tert-butoxide, iron salts, carbonyl dichloride (phosgene), Trinitromethane, barium perchlorate, dioxygenyl tetrafluoroborate, nitroform, perchloric acid, hypochlorous acid, sulfuric acid, urea formaldehyde, hexamethylene diisocyanate, caustics, halogenated organics, aluminum isopropoxide + crotonaldehyde + heat, sodium dichromate + sulfuric acid, hydrogen + palladium, hydrogen peroxide-sulfuric acid combination. May attack some forms of plastic, rubbers, and coatings
<b>CONDITIONS OF REACTIVITY:</b>	No dangerous reaction known under conditions of normal use
<b>HAZARDOUS DECOMPOSITION BYPRODUCTS:</b>	Carbon dioxide, carbon monoxide, irritating and/or toxic gases, aldehydes, ketones, organic acids, acrid fumes, oxides of citrus terpenes

## Section 11. Toxicological information

Component	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol	Rat: 4396 mg/kg	Rabbit: 12,800 Mg/KG	8H Rat: 16,000.0 ppm
Isobutyl Alcohol	Rat: 2460 mg/kg	Rabbit 3400 mg/kg	4H Rat: >6.5 mg/l

<b>ROUTES OF ENTRY:</b>	Eye contact, skin contact, inhalation, ingestion, absorption.
<b>EYES:</b>	Contact may cause burning sensation, blurred vision, inflammation, swelling, redness, and/or tearing.
<b>SKIN CONTACT:</b>	May cause moderate irritation. Prolonged and repeated contact with skin can cause drying of the skin which may result in skin irritation and dermatitis. Prolonged and repeated exposure may cause: redness, cracking, scaling, blistering. May be harmful if absorbed through skin. Prolonged or widespread contact may result in the absorption of potentially harmful amounts of material. Effects may include those described for swallowing
<b>INHALATION:</b>	May cause moderate irritation. Vapors of mist may irritate nose, throat, and/or respiratory tract.
<b>INGESTION:</b>	May cause moderate irritation. May cause gastrointestinal irritation, nausea, vomiting, diarrhea, cramps, abdominal pain, headache, dizziness, drowsiness.
<b>TOXICOLOGICAL DATA:</b>	CFC and HCFC free

## Section 12. Ecological information

<b>ENVIRONMENTAL EFFECTS:</b>	No Data available.
<b>IMPORTANT ENVIRONMENTAL CHARACTERISTICS:</b>	No Data available.
<b>AQUATIC TOXICITY:</b>	This Product is insoluble in water and not biodegradable. Very harmful to aquatic life.

## Section 13. Disposal considerations

This product is insoluble in water and not biodegradable. It is necessary to dispose of this product according to the applicable law or regulation in the country used; disposal in regular trash is allowed in most places. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator

## Section 14. Transport information

This product falls under the following provisions:

CFR–Special Provision 47

IATA–Special Provision A46

IMO–Special Provision 216

No special shipping instructions needed on declarations. It is highly recommended that each client determine shipping regulations within the originating country and final destination company. Not all countries follow the above regulations.

Not special requirements.

## Section 15. Regulatory information

### TOXIC SUBSTANCES CONTROL ACT (TSCA):

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

### SARA Title III Section 311/312 Category Hazards:

Immediate (Acute)		Delayed (Chronic)		Fire Hazard	Pressure Release	Reactive	
Yes		Yes		Yes	No	No	
Component	CAS Number	CERCLA RQ	SARA EHS	SARA 313	U.S. HAP	WI HAP	Prop 65
Isopropyl Alcohol	67-63-0	No	No	No	No	No	No
Isobutyl Alcohol	78-83-1	Yes	No	No	No	Yes	No

## Section 16. Other information

**N/E**

Not Established

**N/Av**

Not Available

**N/Ap**

Not Applicable

**IARC**

International Agency for Research on Cancer

**ACGIH**

American Conference of Governmental Industrial Hygienists

**NIOSH**

National Institute for Occupational Health and Safety

**TLV-TWA**

Threshold Limit Values, Time Weighted Average

**NAERG**

North American Emergency Response Guidebook

**WHMIS**

Workplace Hazardous Materials Information System

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This MSDS format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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