



# SAFETY DATA SHEET

Issuing Date 10/12/2017

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Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name 70% Isopropyl Alcohol Pads

### Other means of identification

Product Code(s) No information available

Synonyms 70% Isopropyl Alcohol Pads

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

Recommended Use No information available

Uses advised against No information available

### Supplier's details

**Supplier Address**  
Cleanfinity Brands  
1611 Sunset Rd.  
Port Washington, WI 53074  
TEL: 262-284-6600

### Emergency telephone number

Emergency Telephone Number 262-284-6600

## 2. HAZARDS IDENTIFICATION


### Classification

Serious Eye Damage/Eye Irritation	Category 2
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3
Flammable liquids	Category 2

### GHS Label elements, including precautionary statements

### Emergency Overview

<b>Signal Word</b> <b>Hazard Statements</b> <ul style="list-style-type: none"><li>• Causes serious eye irritation</li><li>• May cause drowsiness or dizziness</li><li>• Highly flammable liquid and vapor.</li></ul>	<b>Danger</b>
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<b>Appearance</b> Colorless.	<b>Physical State</b> Solid saturated with liquid.	<b>Odor</b> Alcohol-like.

### Precautionary Statements

#### Prevention

- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Keep cool.

#### General Advice

- None

#### Eyes

- IF IN EYES: 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.

#### Skin

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

#### Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Call a POISON CENTER or doctor/physician if you feel unwell.

#### Fire

- In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

#### Storage

- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.

#### Disposal

- Dispose of contents/container to an approved waste disposal plant.

### Hazard Not Otherwise Classified (HNOC)

Not applicable.

### Other information

Prolonged or repeated contact may dry skin and cause irritation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Synonyms** 70% Isopropyl Alcohol Pads

Chemical Name	CAS-No	Weight %	Trade secret
Isopropyl alcohol	67-63-0	64-75	*
Water	7732-18-5	25-36	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**4. FIRST AID MEASURES**

**Description of necessary first-aid measures**

**Eye Contact** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin Contact** Wash off with warm water and soap. Get medical attention if symptoms occur.

**Inhalation** Move to fresh air. Get medical attention immediately if symptoms occur. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

**Ingestion** Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Drowsiness. Dizziness.

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

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** No information available.

**Specific Hazards Arising from the Chemical**

No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid breathing vapors or mists. Avoid contact with eyes. Use personal protective equipment as required. Remove all sources of ignition. Take precautionary measures against static discharges.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Pick up and transfer to properly labeled containers. Soak up any free liquid with inert absorbent material. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Avoid breathing vapors or mists. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible Products** None known based on information supplied.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Risk of contact, wear: Safety glasses with side-shields.  
**Skin and Body Protection** Lightweight protective clothing. Protective gloves.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Solid saturated with liquid.	<b>Appearance</b>	Colorless.
<b>Odor</b>	Alcohol-like.	<b>Odor Threshold</b>	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	11.7 °C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
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Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
 <u>Other information</u>		
VOC Content (%)	No data available	

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

**Inhalation**

Vapors may irritate throat and respiratory system.

**Eye Contact**

Avoid contact with eyes. Expected to be an irritant based on components

**Skin Contact**

Prolonged or repeated contact may dry skin and cause irritation.

**Ingestion**

Ingestion in large amounts may cause gastrointestinal irritation, nausea and/or diarrhea.

May cause central nervous system depression.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	= 4396 mg/kg ( Rat )	12800 mg/kg ( Rat ) 12870 mg/kg ( Rabbit )	72.6 mg/L ( Rat ) 4 h

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol		Group 3		

**IARC: (International Agency for Research on Cancer)**  
Group 3 - Not Classifiable as to its Carcinogenicity to Humans

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic Toxicity** No known effect.  
**Target Organ Effects** Respiratory system. Eyes. Skin. Central nervous system (CNS).  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity**

*The following values are calculated based on chapter 3.1 of the GHS document:*

**LD50 Oral** 5861 mg/kg; Acute toxicity estimate  
**LD50 Dermal** 17067 mg/kg; Acute toxicity estimate  
**Inhalation dust/mist** >5 mg/L; Acute toxicity estimate

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Isopropyl alcohol 67-63-0	EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)		EC50 48 h: = 13299 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Isopropyl alcohol	0.05

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations.

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001

**14. TRANSPORT INFORMATION**

**DOT**

**Proper shipping name** Consumer commodity  
**Hazard Class** ORM-D  
**Description** Consumer commodity, ORM-D  
**Emergency Response Guide Number** 133

**TDG**

**UN-Number** UN3175  
**Proper Shipping Name** Solids containing flammable liquid, n.o.s.  
**Hazard Class** 4.1  
**Packing Group** II  
**Description** UN3175, Solids containing flammable liquid, n.o.s. (Isopropyl alcohol), 4.1, II

**MEX**

**UN-Number** UN3175  
**Proper Shipping Name** Solids containing flammable liquid, n.o.s.  
**Hazard Class** 4.1  
**Packing Group** II  
**Description** UN3175, Solids containing flammable liquid, n.o.s. (Isopropyl alcohol), 4.1, II

**ICAO**

**UN-Number** ID8000  
**Proper shipping name** Consumer commodity  
**Hazard Class** 9  
**Description** ID8000, Consumer commodity, 9

**IATA**

**UN-Number** ID8000  
**Proper Shipping Name** Consumer commodity  
**Hazard Class** 9  
**ERG Code** 9L  
**Description** ID8000, Consumer commodity, 9

**IMDG/IMO**

**UN-Number** UN3175  
**Proper Shipping Name** Solids containing flammable liquid, n.o.s.  
**Hazard Class** 4.1  
**Packing Group** II  
**EmS No.** F-A, S-I  
**Description** UN3175, Solids containing flammable liquid, n.o.s. (Isopropyl alcohol), 4.1, II, (11.7°C c.c.)

**RID**

**UN-Number** UN3175  
**Proper Shipping Name** Solids containing flammable liquid, n.o.s.  
**Hazard Class** 4.1  
**Packing Group** II  
**Classification Code** F1  
**Description** UN3175, Solids containing flammable liquid, n.o.s. (Isopropyl alcohol), 4.1, II

**ADR**

**UN-Number** UN3175  
**Proper Shipping Name** Solids containing flammable liquid, n.o.s.  
**Hazard Class** 4.1  
**Packing Group** II  
**Classification Code** F1  
**Tunnel Restriction Code** (E)  
**Description** UN3175, Solids containing flammable liquid, n.o.s. (Isopropyl alcohol), 4.1, II, (E)





**ADN**

<b>Proper Shipping Name</b>	Solids containing flammable liquid, n.o.s.
<b>Hazard Class</b>	4.1
<b>Packing Group</b>	II
<b>Classification Code</b>	F1
<b>Special Provisions</b>	216, 274, 601, 800
<b>Description</b>	UN3175, Solids containing flammable liquid, n.o.s. (Isopropyl alcohol), 4.1, II
<b>Limited Quantity</b>	1 kg
<b>Ventilation</b>	VE01, VE03

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** No  
**Fire Hazard** Yes  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	X	X	X		X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazard</b> 2	<b>Flammability</b> 3	<b>Instability</b> 0	<b>Physical and Chemical Hazards -</b>
<b><u>HMIS</u></b>	<b>Health Hazard</b> 2	<b>Flammability</b> 3	<b>Physical Hazard</b> 0	<b>Personal Protection</b> X

**Prepared By:** Cleanfinity Brands  
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 Port Washington, WI 53074  
 262-284-6600

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<b>Issuing Date</b>	12-Oct-2017
<b>Revision Date</b>	12-Oct-2017
<b>Revision Note</b>	Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**