

# Safety Data Sheet

Material Name: WEBCOL/Curity Alcohol Prep Pads

SDS ID: COV-001

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## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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### Material Name

WEBCOL/Curity Alcohol Prep Pads

### Trade Names

5033, 5110, 5750, 6818, 6818-1, 63001, 15033, 16818, 176818, 20339, 681812, 6818-2, 7MJ46621, 7MJ36339, 7RA58200, 7RA71200, 7RI43405, 7RI45719, 7RI45720, 7RI45721, 7RI45722, 7RI82380, 7RI82402, 70Y33230, 985629, MKN42634, 693035, 121-6131, 6818M, GS42634

### Synonyms

Isopropyl Alcohol 65-75%

### Chemical Family

ISOPROPYL ALCOHOL

### Product Use

Skin preparation pads for use in medical applications

### Restrictions on Use

For use under medical supervision only.

### Manufacturer Information

Covidien, LP

15 Hampshire Street

Mansfield, MA 02048

USA

Phone: +1-(508) 261-8000 (Monday - Friday 8:00 am to 5:00 pm)

Email: customerservice@medtronic.com

Emergency Telephone Number:

CHEMTREC (800) 424-9300 (for US and Canada)

1(703) 527-3887 (Outside US and Canada)

Collect calls accepted

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## Section 2 - HAZARDS IDENTIFICATION

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

### GHS Label Elements

Symbol(s)



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## Signal Word

Danger

## Hazard Statement(s)

Highly flammable liquid and vapor  
Causes serious eye irritation

## Precautionary Statement(s)

### Prevention

Keep away from heat/sparks/open flame/hot surfaces - No smoking  
Wash thoroughly after handling

### Response

In case of fire: Use appropriate media to extinguish  
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

### Storage

Store in a cool dry place

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

### Other Hazards

No additional information available.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent (%)
7732-18-5	Water	25 - 35
67-63-0	Isopropyl alcohol	65 - 75

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## Section 4 - FIRST AID MEASURES

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### Inhalation

Not a likely route of exposure.

### Skin

It is unlikely that first aid will be required. If skin irritation occurs: Get medical advice/attention.

### 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.

### Ingestion

If swallowed, get medical attention.

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**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically and supportively.

**Most Important Symptoms/Effects**

**Acute**

Causes serious eye irritation.

**Delayed**

No information on significant adverse effects.

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### Section 5 - FIRE FIGHTING MEASURES

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**Extinguishing Media**

**Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media**

None known.

**Special Hazards Arising from the Chemical**

Highly flammable liquid and vapor.

**Hazardous Combustion Products**

Oxides of carbon

**Advice for firefighters**

Avoid inhalation of material or combustion by-products.

**Fire Fighting Measures**

Avoid inhalation of material or combustion by-products.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment.

**Methods and Materials for Containment and Cleaning Up**

Clear up spills immediately and dispose of waste safely.

**Environmental Precautions**

Avoid release to the environment.

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### Section 7 - HANDLING AND STORAGE

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**Precautions for Safe Handling**

Keep away from heat/sparks/open flames/hot surfaces.

**Conditions for Safe Storage, Including any Incompatibilities**

Store in a cool dry place

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### Incompatible Materials

Aldehydes, halogenated compounds, halogens, strong acids, strong oxidizing agents

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

Isopropyl alcohol	67-63-0
ACGIH:	200 ppm TWA
	400 ppm STEL
NIOSH:	400 ppm TWA; 980 mg/m <sup>3</sup> TWA
	500 ppm STEL; 1225 mg/m <sup>3</sup> STEL
	2000 ppm IDLH (10% LEL)
OSHA (US):	400 ppm TWA; 980 mg/m <sup>3</sup> TWA
Mexico:	400 ppm TWA LMPE-PPT; 980 mg/m <sup>3</sup> TWA LMPE-PPT
	500 ppm STEL [LMPE-CT]; 1225 mg/m <sup>3</sup> STEL [LMPE-CT]

### Biological limit value

There are no biological limit values for any of this product's components.

### Engineering Controls

Based on available information, additional ventilation is not required. Ensure compliance with applicable exposure limits.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Safety glasses or goggles are recommended when there is a potential for eye contact.

#### Skin Protection

Not required.

#### Respiratory Protection

No respirator is required under normal conditions of use.

#### Glove Recommendations

Hand protection is not required.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Non-woven cloth saturated with liquid in foil package	<b>Physical State</b>	Liquid
<b>Odor</b>	Alcohol	<b>Color</b>	Colorless
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available

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<b>Melting Point</b>	Not available	<b>Boiling Point</b>	82 °C (literature value)
<b>Freezing point</b>	-89 °C (literature value)	<b>Evaporation Rate</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	399 °C (literature value)	<b>Flash Point</b>	12 °C (estimate based on isopropyl alcohol)
<b>Lower Explosive Limit</b>	2 % (V)	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	12 % (V)	<b>Vapor Pressure</b>	33 mmHg (@ 20 °C - literature value)
<b>Vapor Density (air=1)</b>	2.1 (literature value)	<b>Specific Gravity (water=1)</b>	0.7855 (@ 20 °C - literature value)
<b>Water Solubility</b>	100%	<b>Partition coefficient: n-octanol/water</b>	0.05 (measured value)
<b>Viscosity</b>	Not available	<b>Solubility (Other)</b>	Not available
<b>Density</b>	Not available		

### Other Information

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

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### Reactivity

Not known to occur.

### Chemical Stability

Stable under normal conditions of use.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Avoid direct sunlight.

### Incompatible Materials

Aldehydes, halogenated compounds, halogens, strong acids, strong oxidizing agents

### Hazardous decomposition products

Oxides of carbon

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### Section 11 - TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

##### Inhalation

Not a likely route of exposure.

##### Skin Contact

None known.

##### Eye Contact

Causes serious eye irritation.

##### Ingestion

None known.

#### Acute and Chronic Toxicity

##### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Isopropyl alcohol (67-63-0)

Oral LD50 Rat 5045 mg/kg (Safety Data Sheet)

Dermal LD50 Rabbit 12800 mg/kg (Safety Data Sheet)

Inhalation LC50 Rat 1600 ppm 4 h (Safety Data Sheet)

##### Immediate Effects

Causes serious eye irritation.

##### Delayed Effects

No information on significant adverse effects.

##### Irritation/Corrosivity Data

Causes serious eye irritation.

##### Respiratory Sensitization

No data available.

##### Dermal Sensitization

No data available.

#### Component Carcinogenicity

Isopropyl alcohol	67-63-0
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977] (Group 3 (not classifiable))

#### Germ Cell Mutagenicity

No data available.

#### Reproductive Toxicity

No data available.

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**Specific Target Organ Toxicity - Single Exposure**

No information available.

**Specific Target Organ Toxicity - Repeated Exposure**

No information available.

**Aspiration hazard**

No data available.

**Medical Conditions Aggravated by Exposure**

May cause eye damage, eye disorders.

**Additional Data**

No additional information available.

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### Section 12 - ECOLOGICAL INFORMATION

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**Ecotoxicity**

Avoid release to the environment.

**Component Analysis - Aquatic Toxicity**

Isopropyl alcohol	67-63-0
Fish:	LC50 96 h Pimephales promelas 9640 mg/L [flow-through]; LC50 96 h Pimephales promelas 11130 mg/L [static]; LC50 96 h Lepomis macrochirus >1400000 µg/L
Algae:	EC50 96 h Desmodesmus subspicatus >1000 mg/L IUCLID; EC50 72 h Desmodesmus subspicatus >1000 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna 13299 mg/L IUCLID

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility**

No information available for the product.

**Other Toxicity**

No additional information available.

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### Section 13 - DISPOSAL CONSIDERATIONS

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**Disposal Methods**

Dispose in accordance with all applicable regulations.

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## Section 14 - TRANSPORT INFORMATION

### US DOT Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN/NA #:** Not regulated per 49 CFR, Special Provision 47 (for rail and road transport in the USA)

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

### IATA Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated, as per IATA, Special Provision A46

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** Consult current IATA regulations prior to shipping by air

### IMDG Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated, as per IMDG Code, Special Provision 216

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

### TDG Information:

**Shipping Name:** Not applicable

**Hazard Class:** Not applicable

**UN#:** Not regulated

**Packing Group:** Not applicable

**Required Label(s):** Not applicable

**Additional information:** No additional information available

## Section 15 - REGULATORY INFORMATION

### U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b).

Isopropyl alcohol	67-63-0
SARA 313:	1 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)



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## Not listed under California Proposition 65

### Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Isopropyl alcohol	67-63-0
	1 %

## Section 16 - OTHER INFORMATION

### Summary of Changes

New SDS: May 5, 2015

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States; WHMIS - Workplace Hazardous Materials Information System

### Other Information

#### Disclaimer:

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