

Issuing date:

Revision date:

Revision number:

## 1. Identification of the substance/preparation and the company/undertaking

### GHS product identifier

Product name: Alcohol Pad

### Other mean of identification

Product code(s): MW-APL MW-APM

UN-Number: UN

Synonyms: None

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

Recommended use: Not available

Uses advised against: Not available

### Supplier address/information

Cardinal Health  
7000 Cardinal Place  
Dublin, Ohio 43017  
877.CARDINAL (877.227.3462)

Emergency telephone number: CHEMTREC 800.424.9300

## 2. Hazards Identification

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

#### Hazard identifier

#### Category

Isopropyl alcohol

Not available

### GHS label elements, including precautionary statements

Not available

### Emergency overview

**Signal Word** CAUTION

Irritating to eyes.

Contains a potential mutagen.

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**Precautionary statements**

General advice: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes. Keep out of reach of children.

Eyes: Causes irritation.

Inhalation: Not a normal route of exposure. May cause respiratory tract irritation.

Storage: store in normal temperature warehouse.

Disposal: Discard after single use.

Review federal, state/provincial, and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all applicable regulations.

**Hazard not otherwise classified (HNOC):** Not available

**Other information:** Not available

**3. Composition/Information on ingredients**

Chemical name	CAS-No	Weight %	Trade Secret
Isopropyl alcohol	67-63-0	60-70	Local

**4. First aid measures****Description of necessary first-aid measures**

Eye contact: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact: In case of skin irritation, discontinue use of product.

Inhalation: Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Not a normal route of exposure. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

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

Most important symptoms/effects: Not available

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

Notes to Physician:

Symptoms may be delayed.

**5. Fire-fighting measures**

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**Suitable extinguishing media:** Water spray, foam dry chemical or carbon dioxide  
**Unsuitable extinguishing media:** Not available

**Specific hazards arising from the chemical:** Not available

**Explosion data:** Not available

**Protective equipment and precautions for firefighters:** Firefighters should wear full protective clothing including self contained breathing apparatus.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak

**Environmental precautions:** Not available

### Methods and materials for containment and cleaning up

- Methods for containment: Prevent entry into waterways, sewers, basements or confined areas.
- Methods for cleaning up: Pick up and discard towel.

## 7. Handling and storage

### Precautions for safe handling

**Handling:**  
Use good industrial hygiene practices in handling this material.

### Conditions for safe storage, including any incompatibilities

**Storage:**  
Keep out of reach of children. Store in a closed container away from incompatible materials.

**Incompatible products:** Not available

## 8. Exposure controls/personal protection

### Control parameters

Exposure guidelines

**Chemical name**

**ACGIH TLV**

**OSHA PEL**

**NIOSH IDLH**

**Isopropyl alcohol**

TWA: 350 mg/m<sup>3</sup>

TWA: 983mg/m<sup>3</sup>

!Not available

### Appropriate engineering controls

**Engineering measures:** Not available

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

**Eye/face protection:** Follow standard industrial hygiene practices.

**Skin and body protection:** As required by employer code.

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Respiratory protection:  
Hygiene measures:  
not eat or drink.

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.  
Handle in accordance with good industrial hygiene and safety practice. When using do

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Liquid  
Odor: Similar like alcohol  
Appearance: Colorless  
Odor threshold: Not available

Property	Values	Remarks/Method
pH	Not available	
Melting point/range	Not available	
Boiling point/boiling range	Not available	
Flash point	20°C	
Evaporation rate	Not available	
Flammability (solid, gas)	Not available	
Flammability limits in air	Not available	
-upper flammability limit	Not available	
-lower flammability limit	Not available	
Vapor pressure	Not available	
Vapor density	Not available	
Specific gravity	Not available	
Water solubility	Not available	
Solubility in other solvents	Pad is not soluble	
Partition coefficient: n-octanol/water	Not available	
Autoignition temperature	Not available	
Decomposition temperature	Not available	
Viscosity	Not available	
Flammable properties	Not available	
Explosive properties	Not available	
Oxidizing properties	Not available	

Other information

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VOC content (%):

Not available

## 10. Stability and reactivity

### Reactivity

Not available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Hazardous polymerization does not occur if stored and used according to the regular rule.

### Conditions to avoid

Do not mix with other chemicals.

### Incompatible materials

Not available

### Hazardous decomposition products

Carbon monoxide, Carbon dioxide

## 11. Toxicological information

### Information on likely routes of exposure

Product information:

- Inhalation: Not a normal route of exposure. May cause respiratory tract irritation.
- Eye contact: May cause bad eye irritation
- Skin contact: In case of skin irritation, discontinue use of the product.
- Ingestion: Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

### Chemical name

### LD50 oral

### LD50 dermal

### LC50 inhalation

Isopropyl alcohol

5045mg/kg

12800mg/kg

Not available

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

List symptoms

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

- Sensitization: Non-hazardous by WHMIS/OSHA criteria.
- Mutagenic effects: Not available
- Carcinogenicity: Not available
- Reproductive toxicity: Not available
- STOT – single exposure: Not available
- STOT – repeated exposure: Not available

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- Aspiration hazard: Not available

**Numerical measures of toxicity – product**

Not available

**12. Ecological information****Ecotoxicity**

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to micro-organisms	Daphnia Magna (water flea)
Isopropyl alcohol	Not available	Not available	Not available	Not available

**Persistence and Degradability**

Not available

**Bioaccumulation**

Not available

Chemical name	Low Pow
Isopropyl alcohol	Not available

**Other adverse effects:** Not available**13. Disposal considerations****Waste disposal methods**

Discard after single use.

Review federal, state/provincial, and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all applicable regulations.

**Contaminated packaging**

Not available

**14. Transport information****Notes:****DOT**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Reportable quantity (RQ) XXX
- Description XXX
- Emergency response guide XXX
- Number XXX

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- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Description XXX

**MEX**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Description XXX

**ICAO**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Description XXX

**IATA**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- ERG code XXX
- Description XXX

**IMDG/IMO**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Subsidiary class XXX
- EmS number XXX
- Description XXX

**RID**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Classification code XXX
- Description XXX

**ADR**

- UN-Number XXX
- Proper shipping name XXX
- Hazard class XXX
- Classification code XXX
- Tunnel restriction code XXX
- Description XXX
- ADR/RID – Labels XXX

**ADN**

- Proper shipping name XXX
- Hazard class XXX
- Classification code XXX

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- |                      |     |
|----------------------|-----|
| • Special provisions | XXX |
| • Description        | XXX |
| • Limited quantity   | XXX |
| • Ventilation        | XXX |

## 15. Regulatory information

### Interventional inventories

- TSCA(Complies?)  Yes  No IECSC XXX

### Legend

TSCA: United States Toxic Substances Control Act 8(b) inventory

### U.S. Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List

### SARA 311/312 Hazard categories

- Acute health hazard
- Chronic health hazard
- Fire hazard
- Sudden release of pressure hazard
- Reactive hazard

### Clean Water Act

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

### CERCLA

Chemical name

Hazardous  
substances RQs

Extremely  
hazardous  
substances RQs

RQ

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Not available

### U.S. state regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

### U.S. state Right-to-Know regulations

"X" designates that the ingredients are listed on the state Right-to-Know list

Chemical name

New Jersey

Massachuset  
ts

Pennsylva  
nia

Illinois

Rhode  
Island

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Not available

### U.S. EPA label information

EPA Pesticide registration number: N/A



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**16. Other information**

Health hazard	Flammability	Instability/Physical Hazard	Physical/Chemical Hazards/Personal protection
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NFPA

HMIS

Not available

Prepared by:  
Issuing date:

Shanghai Yinjing Medical Supplies Co., Ltd  
23-Dec-2014

**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**