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

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)
Material Name: WEBCOL/Curity Alcohol Prep Pads

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.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component Name</th>
<th>Percent (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>Water</td>
<td>25 - 35</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>65 - 75</td>
</tr>
</tbody>
</table>

Section 4 - FIRST AID MEASURES

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.
Section 5 - FIRE FIGHTING MEASURES

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.

Section 6 - ACCIDENTAL RELEASE MEASURES

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.

Section 7 - HANDLING AND STORAGE

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
Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

<table>
<thead>
<tr>
<th>Component</th>
<th>Isopropyl alcohol</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH:</td>
<td>200 ppm TWA</td>
</tr>
<tr>
<td></td>
<td>400 ppm STEL</td>
</tr>
<tr>
<td>NIOSH:</td>
<td>400 ppm TWA; 980 mg/m3 TWA</td>
</tr>
<tr>
<td></td>
<td>500 ppm STEL; 1225 mg/m3 STEL</td>
</tr>
<tr>
<td></td>
<td>2000 ppm IDLH (10% LEL)</td>
</tr>
<tr>
<td>OSHA (US):</td>
<td>400 ppm TWA; 980 mg/m3 TWA</td>
</tr>
<tr>
<td>Mexico:</td>
<td>400 ppm TWA LMPE-PPT; 980 mg/m3 TWA LMPE-PPT</td>
</tr>
<tr>
<td></td>
<td>500 ppm STEL [LMPE-CT]; 1225 mg/m3 STEL [LMPE-CT]</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Non-woven cloth saturated with liquid in foil package</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
</tbody>
</table>
### Section 10 - STABILITY AND REACTIVITY

**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
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

<table>
<thead>
<tr>
<th>Component</th>
<th>Carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
</tr>
<tr>
<td>ACGIH</td>
<td>A4 - Not Classifiable as a Human Carcinogen</td>
</tr>
<tr>
<td>IARC</td>
<td>Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977] (Group 3 (not classifiable))</td>
</tr>
</tbody>
</table>

Germ Cell Mutagenicity
No data available.

Reproductive Toxicity
No data available.
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.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity
Avoid release to the environment.

Component Analysis - Aquatic Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish:</td>
<td>LC50 96 h Pimephales promelas 9640 mg/L [flow-through]; LC50 96 h Pimephales promelas 11130 mg/L [static]; LC50 96 h Lepomis macrochirus &gt;1400000 µg/L</td>
</tr>
<tr>
<td>Algae:</td>
<td>EC50 96 h Desmodesmus subspicatus &gt;1000 mg/L IUCLID; EC50 72 h Desmodesmus subspicatus &gt;1000 mg/L IUCLID</td>
</tr>
<tr>
<td>Invertebrate:</td>
<td>EC50 48 h Daphnia magna 13299 mg/L IUCLID</td>
</tr>
</tbody>
</table>

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.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
Dispose in accordance with all applicable regulations.
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).

<table>
<thead>
<tr>
<th>Chemical</th>
<th>UN Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
</tr>
<tr>
<td>SARA 313:</td>
<td>1 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1 %</td>
</tr>
</tbody>
</table>

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; NFP - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NITSR - 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

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