This safety data sheet complies with the requirements of 29CFR1910.1200.

1.0 IDENTIFICATION

PRODUCT NAME: McKesson Alcohol Prep Pads
MFR #: 58-204, 58-404, 16-527, 16-528

DISTRIBUTED BY: McKesson Medical-Surgical Inc.
9954 Mayland Drive, Suite 4000
Richmond, Virginia 23233

INFORMATION LINE: 1-800-777-4908
Monday – Friday 8:00 a.m. – 6:00 p.m. EST

EMERGENCY PHONE: 1-800-451-8346 (3E Company) Day or Night

PRODUCT DESCRIPTION: McKesson Alcohol Prep Pads

2.0 HAZARDS IDENTIFICATION

CLASSIFICATION

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical Hazards
Flammable Solids Category 1
Health Hazards Serious eye damage/eye irritation Category 2A
Environmental Hazards Not determined
OSHA defined hazards None additional

Label Elements
Pictograms

Signal Word
Danger
Hazard Statements
Flammable solid.
Causes serious eye irritation.

Precautionary Statements – Prevention
Keep away from heat/spark/open flames/hot surfaces.
No smoking.
Use only in a well ventilated area.

Precautionary Statements – Response
If 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. Immediately call a poison control center.
If inhaled: remove victim to fresh air and keep comfortable for breathing.

Precautionary Statement – Disposal
Dispose of waste and residues in accordance with local authority requirements.

Hazards not otherwise classified (HNOC)
Not applicable

Other information
Not know.

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NO.</th>
<th>WEIGHT (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>70</td>
</tr>
<tr>
<td>Purified Water</td>
<td>7732-18-5</td>
<td>30</td>
</tr>
</tbody>
</table>

4.0 FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

General Advice
Keep victim warm and quiet. Monitor for systemic secondary effects on liver and kidney. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
Eye Contact
Immediately flush with plenty of water. After initial flushing remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.

Skin Contact
In case of skin irritation, discontinue use of product. Wash off with soap and water. Get medical attention if irritation develops and persists.

Inhalation
If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Ingestion
If swallowed, contact a Poison Control Center immediately. Immediately rinse mouth out with water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms
May include stinging, tearing, redness, swelling and blurred vision.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Provide general supportive measures and treat asymptptomatically.

5.0 FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Use foam, dry chemical or carbon dioxide. Be aware of possibility of re-ignition. Keep containers and surroundings cool with water spray.

Unsuitable extinguishing media: None

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

During fire, gases hazardous to health may be formed.

Explosion data
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

In case of fire of explosion, do not breathe fumes. In the event of fire, use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to the fire. If a leak or spill has not ignited, use water spray to disperse the vapors.

6.0 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions
Wear appropriate protective equipment and clothing during clean up.

Other Information
Eliminate all sources of ignition.

For Emergency Responders
Use personal protective equipment as required. Vapors can accumulate in low areas. Consider need for evacuation.

ENVIRONMENTAL PRECAUTIONS
Collect spillage. Prevent material from entering water courses.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for Containment
Contain and absorb using earth, sand or inert materials. Transfer into suitable containers for recovery or disposal.

Methods for Cleaning up
N/A

7.0 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on Safe Handling
Do not handle near open flame or heat sources. Do not use with electrocautery procedures. Use according to package label instructions. Discard after single use. Avoid inhaling vapor and contact with eyes.
 CONDITIONS FOR SAFE STORAGE

Storage Conditions
Keep container closed. Store in a cool, dry, well ventilated place. Keep away from sources of ignition.

Incompatible Materials
N/A

CONTROL PARAMETERS

Exposure Guidelines
OSHA PEL Limits for Air contaminants
Isopropanol 980 mg/m3, 400 ppm
US ACGIH Threshold Limit Values
Isopropanol STEL 400 ppm
Isopropanol TWA 200 ppm
US NIOSH
Isopropanol STEL 1225 mg/m3, 500 ppm
Isopropanol TWA 980 mg/m3, 400 ppm

Biological Limit Values
ACGIH Biological Exposure Indices
Isopropanol 40mg/l, Acetone, Urine

APPROPRIATE ENGINEERING CONTROLS
Ventilation systems. Eyewash stations. Showers.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PPE

Eye/Face Protection
Wear gear deemed necessary.

Skin and Body Protection
Wear gear as deemed necessary.

Respiratory Protection
Wear positive pressure self contained breathing apparatus (SCBA)

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using, do not smoke. When using do not eat or drink.

9.0 PHYSICAL AND CHEMICAL PROPERTIES
INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Clear, Colorless
Form: Pre-moistened towelette
Color: N/A
Odor: Alcohol odor
Odor Threshold: No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH (1-3% aqueous solution)</td>
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<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>- C</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Between 82 and 83 C</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>12 C</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>LEL/UEL 2.0/12.7 vol %</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>• Upper flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Lower flammability limit</td>
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<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>33 mmHg</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
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<tr>
<td>Specific Gravity</td>
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</tr>
<tr>
<td>Water solubility</td>
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<td></td>
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<tr>
<td>Solubility in water</td>
<td>100%</td>
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<tr>
<td>Partition coefficient</td>
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<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>399 C</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
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<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
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<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
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</tr>
<tr>
<td>Explosive properties</td>
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<td></td>
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<tr>
<td>Oxidizing properties</td>
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<td></td>
</tr>
<tr>
<td>Softening point</td>
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<td></td>
</tr>
<tr>
<td>Molecular weight</td>
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<tr>
<td>VOC Content (%)</td>
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<td></td>
</tr>
<tr>
<td>Density</td>
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<tr>
<td>Bulk Density</td>
<td>0.9g/cc</td>
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</tr>
</tbody>
</table>

10.0 STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable under normal condition of handling, use and transport.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal processing.

Hazardous polymerization

Does not occur.
CONDITIONS TO AVOID
Heat, flames and sparks. Avoid temperatures exceeding flash point.

INCOMPATIBLE MATERIALS
Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
May include but are not limited to oxides of carbon.

11.0 TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE
Product Information
Available toxicological data for individual ingredients are summarized below.

   Inhalation
   Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Health injuries are not known or expected under normal use.

   Eye Contact
   Causes serious eye irritation.

   Skin Contact
   Not expected to be a primary skin irritant.

   Ingestion
   Not applicable under normal conditions of use.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>5045 mg/kg (rat)</td>
<td>Eye 12800 mg/kg (rabbit)</td>
<td>16970 mg/l/4h</td>
</tr>
</tbody>
</table>

INFORMATION ON TOXICOLOGICAL EFFECTS
No information available.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

   Skin corrosion/irritation
   Prolonged skin contact may cause temporary irritation.

   Serious eye damage/eye irritation
   Causes serious irritation to the eye.

   Respiratory or skin sensitization
   Not expected to cause skin sensitization.

   Sensitization
   No sensitization responses were observed.

   Germ cell mutagenicity
   Not expected to have chronic health effects.

   Carcinogenicity
   This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, ACGHI or NTP.

US OSHA Specifically Regualted Substances  Not listed

Reproductivity Toxicity
Finished product not expected to have chronic health effects.

STOT- single exposure
Narcotic effects.

STOT – repeated exposure
Not classified.
   Chronic Toxicity
   No known effect.
   Sub-chronic Toxicity
   No known effect.
   Neurological Effects
   Not applicable.
NUMERICAL MEASURES OF TOXICITY

Not available.

<table>
<thead>
<tr>
<th>12.0 ECOLOGICAL INFORMATION</th>
</tr>
</thead>
</table>

ECOTOXICITY

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/Aquatic Plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>IC 50 100mg/L, 72 hours</td>
<td>LC 50 Bluegill &gt; 1400 ml/l, 96 hours</td>
<td>EC 50 13299 mg/L: 72 h Daphnia magna</td>
</tr>
</tbody>
</table>

Persistence and degradability

No data available.

Bioaccumulation

No data available.

Partition coefficient n-octanol/water (log Kow) Isopropanol 0.05

Mobility

No data available.

Other adverse effects

None expected.

<table>
<thead>
<tr>
<th>13.0 DISPOSAL CONSIDERATIONS</th>
</tr>
</thead>
</table>

WASTE TREATEMENT METHODS

DISPOSAL OF WASTE

Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/containers in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 61).

Contaminated packaging

Following warning label.

State of California Hazardous Waste Status

Isopropanol (67-63-0) Listed

<table>
<thead>
<tr>
<th>14.0 TRANSPORT INFORMATION</th>
</tr>
</thead>
</table>

NOTE: THIS MATERIAL LIES NOT SUBJECT TO REGULATION AS A DANGEROUS GOOD.

DOT

Not regulated

TDG

Not regulated

MEX

Not regulated

ICAO

Not regulated

IATA

Not regulated

IMDG

Not regulated

RID

Not regulated

ADR

Not regulated. European requirement only.
AND

Not regulated. European requirement only.

<table>
<thead>
<tr>
<th>15.0 REGULATORY INFORMATION</th>
</tr>
</thead>
</table>

INTERNATIONAL INVENTORIES

OSHA Specifically regulated substances Not listed

LEGEND

TSCA – United States Toxic Substances Control Act Section 8b Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS – European Inventory of Existing chemical Substances/European List of Notified Chemical
ENCS – Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS – Phillipines Inventory of Chemicals and ChemicalSubstances
AICS – Australian Inventory of Chemical Substances

US FEDERAL REGULATION

SARA

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard – Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delayed Hazard – No</td>
<td></td>
</tr>
<tr>
<td>Fire Hazard – Yes</td>
<td></td>
</tr>
<tr>
<td>Pressure Hazard – No</td>
<td></td>
</tr>
<tr>
<td>Reactivity Hazard - No</td>
<td></td>
</tr>
</tbody>
</table>

SARA 302 Extremely Hazardous Substances No

SARA 311/312 Hazard Categories

| Acute Health Hazard        | No |
| Chronic Health Hazard      | No |
| Fire Hazard                | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard            | No |

SARA 313 (TRI Reporting)

| Isopropanol (67-63-0)      | 40-70% by weight |

CWA (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).
FDA Regulated as a drug.

CERCLA Isopropanol (67-63-0) Listed

US STATE REGULATIONS

CALIFORNIA PROPOSITION 65 This product does not contain any Proposition 65 chemicals.

US RIGHT TO KNOW REGULATIONS

Isopropanol (67-63-0) Listed California (Hazardous Substances (Director’s), Illinois, Louisiana, Minnesota, New Jersey, Massachusetts, Pennsylvania, Rhode Island

Country(s) of Origin United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory On inventory? Yes

US EPA LABEL INFORMATION Not applicable.

16.0 OTHER INFORMATION

NFPA

| Health Hazards | 1 |
| Flammability   | 3 |
| Reactivity/Instability | 0 |

HMIS

| Health Hazards | 1 |
| Flammability   | 3 |
| Physical Hazards | 0 |
| Personal Protection | X |

Prepared by Cypress Medical Products, LLC Quality Assurance

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