

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: McKesson Sterile Alcohol Prep Pads

MFR #: 58-204

58-404

DISTRIBUTED BY: McKesson Medical-Surgical Inc.

8741 Landmark Road

Richmond, VA 23228

INFORMATION LINE: 1-800-777-4908

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC)

PRODUCT DESCRIPTION: Topical skin antiseptic.

SECTION 2: COMPOSITION/INFORMATION OF INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>Exposure Limits</u>
Isopropyl Alcohol	67-63-0	70%	OSHA PEL: 400 ppm TWA ACGIH TLV-TWA: 200 ppm ACGIH TLV-STEL: 400 ppm
Water	7732-18-5	30%	N/A

SECTION 2 NOTES: Flammable

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS:

EYES: Irritating, and will injure eye tissue if not removed promptly.

SKIN: Causes drying, cracking and irritation of the skin. Low order of toxicity. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

INGESTION: Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting may cause pneumonia or pulmonary edema.

INHALATION: Vapor concentration above recommended exposure levels can cause irritation of upper respiratory tract, drowsiness, fatigue, headache, low blood pressure, loss of coordination, respiratory depression, and kidney damage.

ACUTE HEALTH HAZARDS: Ingestion may cause nausea, vomiting, stomach pains, diarrhea, coma or death.

CHRONIC HEALTH HAZARDS: Frequent or prolonged contact of the skin may defat and dry the skin, leading to discomfort and dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

CARCINOGENICITY

OSHA: N/A

ACGIH: N/A

NTP: N/A

IARC: N/A

OTHER: N/A

SECTION 3 NOTES: N/A

SECTION 4: FIRST-AID MEASURES

EYES: Immediately flush eyes with large amount of water for at least 15 minutes. Get prompt medical attention.

SKIN: N/A

INGESTION: If swallowed, induce vomiting. Keep at rest. Contact POISON CONTROL CENTER immediately.

INHALATION: N/A

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Keep victim warm and quiet.

SECTION 4 NOTES: N/A

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 12.7
(% BY VOLUME) **LOWER:** 2.0

FLASH POINT: 25.6°C (for liquid)

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: 399°C (for Isopropyl Alcohol)

NFPA HAZARD CLASSIFICATION

HEALTH: N/A **FLAMMABILITY:** N/A **REACTIVITY:** N/A
OTHER: N/A

HMS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 3 **REACTIVITY:** 0
PROTECTION: 0

EXTINGUISHING MEDIA: Water spray, foam dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off fuel to fire, if applicable. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with alcohol type foam or dry chemical. Try to cover liquid spills with foam. Spill fires may be extinguished by flooding with large amounts of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION 5 NOTES: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate sources of ignition.

SECTION 6 NOTES: N/A

SECTION 7: HANDLING AND STORAGE

HANDLING: Handle with care. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.

STORAGE: Store in a cool, well-ventilated place away from incompatible materials.

OTHER PRECAUTIONS: This product is not a static accumulator but use proper bonding and/or grounding procedures. Do not pressurize, cut, heat or weld. Empty product packet may contain product residue.

SECTION 7 NOTES: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION: N/A

RESPIRATORY PROTECTION: N/A

EYE PROTECTION: N/A

SKIN PROTECTION: N/A

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: N/A

EXPOSURE GUIDELINES: N/A

SECTION 8 NOTES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: Clear colorless; Alcohol Odor.

PHYSICAL STATE: Non-woven saturated with 70% isopropyl alcohol, sterile.

pH AS SUPPLIED: N/A

pH (Other): N/A

BOILING POINT: N/A

MELTING POINT: N/A

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): N/A

@ N/A

VAPOR DENSITY (AIR = 1): N/A

@ N/A

SPECIFIC GRAVITY (H₂O = 1): 0.85—0.88

@ 20°C

EVAPORATION RATE: N/A

BASIS (=1): N/A

SOLUBILITY IN WATER: 100%

PERCENT SOLIDS BY WEIGHT: N/A

PERCENT VOLATILE: N/A

BY WT/ N/A BY VOL @ N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

WITH WATER:	N/A	LBS/GAL
WITHOUT WATER:	N/A	LBS/GAL

MOLECULAR WEIGHT: N/A

VISCOSITY: N/A

@ N/A

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: X

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, acids, acid anhydride, halogen.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Oral (rat) LD50: 5045 mg/kg (for isopropyl alcohol). Skin (rabbit): 12800 mg/kg (for isopropyl alcohol).

SECTION 11 NOTES: N/A

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL MOBILITY: This product is water soluble and is expected to remain primarily in water.

ENVIRONMENTAL DEGRADABILITY: This product biodegrades rapidly and is "readily" biodegradable according to OECD guidelines. This substance is expected to be removed in a waste water treatment facility.

ECOTOXICITY AND BIOACCUMULATION: Low acute toxicity to aquatic organisms is expected.

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material as supplied is not hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with hazardous waste, if chemical additions are made to this material, or the material is processed or otherwise altered. Consult 40 CFR 261 to determine, whether the altered material is hazardous waste. Consult appropriate state, regional, or local regulations for additional requirements. Dispose of in accordance with local regulations. Combination with other material may well indicate another route or disposal. If in doubt, contact the local Authorities. Care in any case should be taken to ensure compliance with national and local regulations.

RCRA HAZARD CLASS: N/A

SECTION 13 NOTES: N/A

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
DOT SHIPPING ID NUMBER: N/A
DOT PACKING GROUP: N/A
DOT LABEL STATEMENT: N/A

WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: N/A

AIR TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: N/A
NOTES: Consult current IATA Regulations prior to shipping by air.

SECTION 14 NOTES: Not regulated per 49 CFR 173.4 Small Quantity Exemption.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

311/312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD; FIRE HAZARD

313 REPORTABLE INGREDIENTS: 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 reporting requirements of the Act and Title 40 of the Code of Federal regulations, Part, 372.

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 15 NOTES: N/A

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Warning:

S07/09 Keep in a well-ventilated area

S16 Keep away from sources of ignition-No Smoking

S24/25 Avoid contact with wound and eyes

S26 In case of contact with eyes, flush immediately with plenty of water and seek medical advice

S33 Take precautionary measures against static discharges

S43B In case of fire, use sand, earth, chemical powder or alcohol type foam

PREPARATION INFORMATION: N/A

DISCLAIMER: This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.