

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: McKesson Isopropyl Rubbing Alcohol 70%

MFR #: 23-D0022 (16 oz.)

23-D0024 (32 oz.)

23-A0023 (1 Gallon)

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: N/A

SECTION 2: COMPOSITION/INFORMATION OF INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>Exposure Limits</u>
Isopropyl Rubbing Alcohol	67-63-0	70%	PEL/TWA: 8 Hr. 400 ppm (OSHA/ACGIH) STEL 500 ppm (OSHA/ACGIH) REL TWA 10 Hr. 400 ppm (NIOSH) 15 min. ceiling 800 ppm (NIOSH)

SECTION 2 NOTES: N/A

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation

POTENTIAL HEALTH EFFECTS:

EYES: Vapor irritates eyes.

SKIN: N/A

INGESTION: N/A

INHALATION: High concentration of vapor can irritate respiratory tract, is anesthetic and may cause CNS depression.

ACUTE HEALTH HAZARDS: Giddiness, headache, dizziness and nausea.

CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing and respiratory disorders may be aggravated by exposure.

CARCINOGENICITY

OSHA: N/A

ACGIH: N/A

NTP: N/A

IARC: N/A

OTHER: N/A

SECTION 3 NOTES: Generally used as a rubdown.

SECTION 4: FIRST-AID MEASURES

EYES: Flush eyes with water.

SKIN: Flush skin with water.

INGESTION: If swallowed, do not induce vomiting and call a physician.

INHALATION: Move to fresh air.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

SECTION 4 NOTES: N/A

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 12
(% BY VOLUME) LOWER: 2

FLASH POINT: 77°F
METHOD USED: TCC

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: 2	FLAMMABILITY: 3	REACTIVITY: 0
OTHER: N/A		

HMIS HAZARD CLASSIFICATION

HEALTH: 2	FLAMMABILITY: 3	REACTIVITY: 0
PROTECTION: N/A		

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical or Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES: Dilution of burning liquid with water will affect extinguishment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon monoxide and carbon dioxide contamination.

SECTION 5 NOTES: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate all sources of ignition. Small spills should be flushed with large quantities of water, larger spills should be collected for disposal.

SECTION 6 NOTES: N/A

SECTION 7: HANDLING AND STORAGE

HANDLING: Do not take internally. Flammable liquid. Keep away from sparks, heat and open flames.

STORAGE: Flammable liquid. Keep away from sparks, heat and open flames. Keep container closed.

OTHER PRECAUTIONS: For external use only. Keep out of reach of children.

SECTION 7 NOTES: N/A

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION: Local Exhaust—Preferred. Mechanical (General)—Acceptable

RESPIRATORY PROTECTION: Air supplied masks in confined areas.

EYE PROTECTION: Goggles

SKIN PROTECTION: Rubber or Vinyl Gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath and safety showers.

WORK HYGIENIC PRACTICES: Handle carefully; Avoid spilling.

SECTION 8 NOTES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: Colorless, Characteristic Alcohol Odor

PHYSICAL STATE: Liquid

pH AS SUPPLIED: N/A

pH (Other): N/A

BOILING POINT: 87°C

MELTING POINT: Percent Volatile—100

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): 33

@ N/A

VAPOR DENSITY (AIR = 1): 2.07

@ N/A

SPECIFIC GRAVITY (H₂O = 1): 0.88

@ N/A

EVAPORATION RATE: 2.3

BASIS (=1): N/A

SOLUBILITY IN WATER: Complete

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): Avoid heat, sparks and open flame

INCOMPATIBILITY (MATERIAL TO AVOID): Anhydride, Isocyanate, Monomer and Organo-Metallic

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning may produce carbon monoxide and carbon dioxide contamination

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION 11 NOTES: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Atomize into an incinerator where permitted under appropriate Federal, State 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: ISOPROPANOL

HAZARD CLASS: 3

DOT SHIPPING ID NUMBER: UN1219

DOT PACKING GROUP: II

DOT LABEL STATEMENT: One Gallon: "FLAMMABLE LIQUID (3) ISOPROPANOL UN1219"
One Pint: "ORM-D CONSUMER COMMODITY"

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

SECTION 14 NOTES: N/A

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: N/A

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 15 NOTES: N/A

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: N/A

PREPARATION INFORMATION: N/A

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