

Material Safety Data Sheet	
SECTION 1 - PRODUCT IDENTIFICATION 1368063	
NAME Becton Dickinson Diabetes Care TELEPHONE NUMBER (201) 847-7000 COMMON NAME (USED ON LABEL) 70% Isopropyl Alcohol Preps CHEMICAL NAME Isopropyl Alcohol TRADE NAME & SYNONYMS BD Alcohol Swabs	ADDRESS One Becton Drive, Franklin Lakes, NJ 07417-1883 FOR ADDITIONAL INFORMATION CONTACT: DATE PREPARED (1-888-237-2762) May 20, 2009 CHEMICAL FAMILY Alcohol FORMULA (CH ₃) ₂ CHOH
SECTION 2 - COMPOSITION	
HAZARDOUS COMPONENT Isopropyl Alcohol CAS # 67-63-0 % (WT) 70 TLV 980 Mg/M3 PEL 980 Mg/M3	
SECTION 3 - HAZARD IDENTIFICATION PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA). TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists. 1986-1987. Irritant (Xi): R36 - Irritating to eyes Highly flammable (F): R11 - Highly flammable Other: R67 - Vapors may cause drowsiness and dizziness. PRIMARY ROUTES OF EXPOSURE Skin, Eye, Inhalation or Ingestion SIGNS AND SYMPTOMS OF EXPOSURE Direct contact with eyes may result in irritation; Target Organs: Eyes, skin and respiratory tract. (1) ACUTE OVEREXPOSURE (2) CHRONIC OVEREXPOSURE - Prolonged contact with skin may result in drying or irritation. Prolonged inhalation of vapors may cause slight headaches or dizziness. Prolonged exposure to vapors may result in eye irritation. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Isopropyl alcohol is not a known liver or kidney toxin; persons with impaired liver or renal function should limit exposure. CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN None NIP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No LARC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No OSHA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No OTHER EXPOSURE LIMITS None determined.	
SECTION 4 - FIRST AID MEASURES	
EMERGENCY & FIRST AID PROCEDURES: EYE CONTACT: Flush with water for 15 minutes. seek medical attention. SKIN CONTACT: Flush with water for 15 minutes. INGESTION: Not likely; if ingestion occurs, do not induce vomiting, seek medical attention.	

SECTION 5 - FIRE FIGHTING MEASURES	
FLASH POINT 12 degrees C. (Isopropyl Alcohol 99%) EXTINGUISHING MEDIA Carbon Dioxide, alcohol foam or dry chemical UNUSUAL FIRE AND EXPLOSION HAZARDS None SPECIAL FIRE FIGHTING PROCEDURES Use self-contained breathing apparatus when in close proximity to fire.	FLAMMABLE LIMITS IN AIR (% by Volume) UPPER: 12.7% LOWER: 2.0% AUTO IGNITION TEMPERATURE 399 degrees C
SECTION 6 - ACCIDENTAL RELEASE MEASURES	
8 STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED Absorb spill with inert material (e.g., vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. WASTE DISPOSAL METHOD Dispose of in accordance with applicable local, state and federal laws.	
SECTION 7 - HANDLING AND STORAGE	
PRECAUTIONS TO BE TAKEN IN HANDLING & STORING Store away from heat and ignition sources. OTHER PRECAUTIONS Not determined.	
SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION	
RESPIRATORY PROTECTION Respiratory protection is not required under normal use. VENTILATION For normal use - use in a well ventilated area. PROTECTIVE GLOVES Not required under normal use. OTHER PROTECTIVE CLOTHING OR EQUIPMENT Not required under normal use.	
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
BOILING POINT 82.4 degrees C PERCENT VOLATILE BY VOLUME (%) 100% SOLUBILITY IN WATER Soluble APPEARANCE AND ODOR Saturated, pale, colorless liquid with an alcohol odor.	SPECIFIC GRAVITY (H₂O = 1) 869 - 879 at 25 degrees C VAPOR DENSITY (AIR = 1) 2.07 EVAPORATION RATE (Butyl Acetate = 1) 2.88 REACTION IN WATER Does not apply FLASH POINT 12 degrees C. (Isopropyl Alcohol 99%)
SECTION 10 - STABILITY AND REACTIVITY DATA	
STABILITY Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/> CONDITIONS TO AVOID Sources of ignition, excessive heat INCOMPATIBILITY (MATERIALS TO AVOID) Strong Oxidizers, acetaldehyde, chloroform, ethylene oxide, acids, isocyanates HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide. HAZARDOUS POLYMERIZATION May Occur <input type="checkbox"/> Will not Occur <input checked="" type="checkbox"/>	
SECTION 11 - TOXICOLOGICAL INFORMATION	
PRECAUTIONS TO BE TAKEN IN HANDLING & STORING Store away from heat and ignition sources. OTHER PRECAUTIONS Not determined.	

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Fate:
This product is classified as a Volatile Organic Component according to Directive 1999/13/EC.
Mobility: Product completely soluble in water.
Persistence and Degradability: Easily biologically degradable.
By major discharge of product in surface waters, a lack of oxygen may occur.
Bioaccumulation: Little chance on bioaccumulation.
• **Ecotoxicity:** Ecotoxic up to a small extent.
Weak water pollutant (WGK 1).

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal
State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 – TRANSPORTATION INFORMATION

Proper Shipping Name: ISOPROPANOL SOLUTION
Hazard Class: 3
UNNA: UN1219
Packing Group: II
Containers of 1L or less may be shipped as Consumer Commodity ORM-D

SECTION 15 – REGULATORY INFORMATION

US FEDERAL
TSCA
CAS# 67-63-0 is listed on the TSCA inventory.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
CERCLA Hazardous Substances and corresponding RQs
None of the chemicals in this material have an RQ.
SARA Section 302 Extremely Hazardous Substances
None of the chemicals in this product have a TPQ.
SARA Codes
CAS# 67-63-0: immediate, delayed, fire.
Section 313
This material contains Isopropyl alcohol (CAS# 67-63-0, 70%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.
OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.
STATE
CAS# 67-63-0 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.
European/International Regulations
EC Number: 200-661-7
European Labeling in Accordance with EC Directives
Hazard Symbols:
X1F

Risk Phrases:
R 11 Highly flammable.
R 36 Irritating to eyes.
R 67 Vapors may cause drowsiness and dizziness.
Safety Phrases:
S 16 Keep away from sources of ignition - No smoking.
S 24/25 Avoid contact with skin and eyes.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 7 Keep container tightly closed.

SECTION 16 – OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.