



Becton Dickinson and Company

Material Safety Data Sheet

SECTION 1 – IDENTITY

NAME Becton Dickinson Consumer Healthcare		ADDRESS One Becton Drive, Franklin Lakes, NJ 07417-1883	
TELEPHONE NUMBER (201) 847-4288	FOR ADDITIONAL INFORMATION CONTACT: Hitesh Patel	DATE PREPARED March 22, 2001	
COMMON NAME (USED ON LABEL) 70% Isopropyl Alcohol Preps		CHEMICAL FAMILY Alcohol	
CHEMICAL NAME Isopropyl Alcohol		FORMULA (CH ₃) ₂ CHOH	
TRADE NAME & SYNONYMS BD Alcohol Swabs			

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	%(WT)	TLV	PEL
Isopropyl Alcohol	67-63-0	70	980 Mg/M3	980 Mg/M3

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.

SECTION 3 - PHYSICAL DATA

BOILING POINT 82.4 degrees C	SPECIFIC GRAVITY (H ₂ O =1) .869 - .879 at 25 degrees C	VAPOR PRESSURE (mm Hg) 33mm at 20 degrees C
PERCENT VOLATILE BY VOLUME (%) 100%	VAPOR DENSITY (AIR =1) 2.07	EVAPORATION RATE (Butyl Acetate =1) 2.88
SOLUBILITY IN WATER Soluble	REACTIVITY IN WATER Does not apply	
APPEARANCE AND ODOR Water white with an alcohol odor.		

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT 12 degrees C	FLAMMABLE LIMITS IN AIR (% by Volume) LOWER: 2.0% UPPER: 12.7%	
EXTINGUISHING MEDIA Carbon Dioxide, alcohol foam or dry chemical	AUTO IGNITION TEMPERATURE 399 degrees C	
UNUSUAL FIRE AND EXPLOSION HAZARDS None		
SPECIAL FIRE FIGHTING PROCEDURES None		

SECTION 5 – HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE Skin, Eye, Inhalation or Ingestion
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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	NTP <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
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OTHER EXPOSURE LIMITS None determined.

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 6 - REACTIVITY DATA

STABILITY Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	CONDITIONS TO AVOID None Determined.
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INCOMPATIBILITY (MATERIALS TO AVOID)

Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Not determined

HAZARDOUS POLYMERIZATION

May Occur Will not Occur

CONDITIONS TO AVOID

None

SECTION 7 - SPILL OR LEAK PROCEDURES

8 STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

Not likely to spill or leak.

WASTE DISPOSAL METHOD

Dispose of in accordance with applicable local, state and federal laws.

SECTION 8 - PERSONAL PROTECTION INFORMATION

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.

EYE PROTECTION

Not required under normal use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Not required under normal use.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Store away from heat and ignition sources.

OTHER PRECAUTIONS

Not determined.

THE INFORMATION CONTAINED WITHIN WAS OBTAINED FROM AUTHORITATIVE SOURCES AND IS BELIEVED TO BE ACCURATE FOR THE MANNER IN WHICH THE PRODUCT IS INTENDED TO BE USED. OTHER USES COULD RESULT IN CONSEQUENCES WHICH ARE NOT CONSIDERED WITHIN THIS DOCUMENT.