

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard.
29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION I

MANUFACTURER'S NAME/REPACKAGED BY: The Triad Group / Certified Safety Mfg., Inc.	TELEPHONE NO. (816) 483-9090
ADDRESS: 1400 Chestnut Avenue Kansas City, Missouri 64127	
IDENTITY (AS USED ON LABEL): Alcohol Pads (Wipes)	DATE PREPARED: 12/23/09
	DATE REVIEWED:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):				
	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Isopropyl Alcohol (IPA) (Isopropanol)	CAS# 67-63-0 70%	400ppm	400ppm	TWA (980mg/m ³)
THIS PRODUCT IS PRODUCED AS A HEALTH CARE ITEM "FOOD, DRUG OR COSMETIC, INTENDED FOR PERSONAL CONSUMPTION BY EMPLOYEES WHILE IN THE WORKPLACE" TO WHICH THE HAZARDOUS COMMUNICATIONS REQUIREMENTS OF; 29CFR1910.1200 (A) & (B) DO NOT APPLY, AS SPECIFICALLY STATED IN 29CFR 1910.1200 (B) (5) (V)				

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	>180°F	SPECIFIC GRAVITY (H₂O= 1):	0.878
VAPOR PRESSURE (mm Hg.):	733	MELTING POINT:	N/A
VAPOR DENSITY (AIR=1)	>2.0	EVAPORATION RATE (Butyl Acetate=1):	>7.0
SOLUBILITY IN WATER:	Complete		
APPEARANCE AND ODOR: Clear, colorless with characteristic smell of IPA.			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 70° F (TAG Open Cup)	FLAMMABLE LIMITS: LEL: 2% UEL: 12%
EXTINGUISHING MEDIA: Use water spray, water fog, alcohol type foam, dry chemical or CO ₂	
SPECIAL FIRE FIGHTING PROCEDURES: Wear proper protection, fight fire from safe distance.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Releases vapor below ambient temperatures. Vapors may travel Long distances before igniting and flashing to vapor source.	

SECTION V – REACTIVITY DATA

STABILITY:	STABLE	√	CONDITIONS TO AVOID: N/A
	UNSTABLE		
INCOMPATIBILITY (Materials to avoid): Anhydride, Isocyanate and Organometallic contamination			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide			
HAZARDOUS POLYMERIZATION:	MAY OCCUR		CONDITIONS TO AVOID: N/A
	WILL NOT OCCUR	√	

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: **INHALATION?:** yes **SKIN?:** yes **INGESTION?:** yes
HEALTH HAZARDS (Acute and Chronic) : Prolonged breathing of vapors may cause coughing, shortness of breath, intoxication. Eye contact may cause moderate irritation. Material can affect mucous tissue and/or aggravate mucous membrane dysfunction. Ingestion may cause gastric distress. Excessive ingestion may lead to coma or death.
CARCINOGENICITY: Not identified as a carcinogen by the NTP, IARC Monographs or BY OSHA.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: coughing, dizziness and watery eyes
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Sensitive or inflamed skin may become irritated.
EMERGENCY AND FIRST AID PROCEDURES: If large quantities are ingested, administer warm water and contact a Physician. With eye contact, flush with water. If irritation persists, contact physician.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all sources of ignition and flush with large quantities of water spray.
WASTE DISPOSAL METHOD: Atomize into an incinerator where appropriate federal, state and local regulations allow.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION:	LOCAL EXHAUST: √	SPECIAL: None
	MECHANICAL (<i>General</i>): None	OTHER: None

PROTECTIVE GLOVE: N/A **EYE PROTECTION:** Goggles: Use eye bath if eye contact occurs.

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Flammable. Keep away from sparks, flame, or high temperatures.
OTHER PRECAUTIONS: Keep out of the reach of children.

THIS INFORMATION AND RECOMMENDATIONS HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE, HOWEVER CERTIFIED SAFETY MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USE THEREOF.....