

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**

<b>MANUFACTURER'S NAME/REPACKAGED BY:</b> Certified Safety Manufacturing, Inc.	<b>TELEPHONE NO.</b> (816) 483-9090
<b>ADDRESS:</b> 1400 Chestnut Avenue Kansas City, Missouri 64127	
<b>IDENTITY (AS USED ON LABEL):</b> Burn Wash	<b>DATE PREPARED:</b> 12/23/09
<b>DATE REVIEWED:</b>	

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

<b>HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):</b>					
	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	
Isopropyl Alcohol (IPA)	CAS# 67-63-0	99%	400 ppm	200 ppm	OSHA STEL=500ppm
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**

<b>BOILING POINT (°F):</b>	82.5°C	<b>SPECIFIC GRAVITY (H<sub>2</sub>O= 1):</b>	.8185
<b>VAPOR PRESSURE (mm Hg.):</b>	42 mm 20 °C (68°F)	<b>MELTING POINT:</b>	No Data
<b>SOLUBILITY IN WATER:</b>	Soluble	<b>% volatiles by Vol.:</b>	No Data
<b>PH:</b>	No Data	<b>FREEZING POINT:</b>	N/A
<b>AUTO IGNITION TEMP</b>	399 °C		
<b>APPEARANCE AND ODOR:</b> Colorless, volatile liquid with the odor of rubbing alcohol			

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (Method used):</b> 12° c (TAG Open Cup)	<b>FLAMMABLE LIMITS:</b> LEL: 12.7% UEL: 2%
<b>EXTINGUISHING MEDIA:</b> Use water fog, alcohol foam, dry chemical or CO <sub>2</sub>	
<b>SPECIAL FIRE FIGHTING PROCEDURES: Special protective equipment for fire-fighters:</b> Clear area of unprotected personnel. Wear complete turnout gear. Cool containers exposed to fire with water.	
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> Containers exposed to intense heat from fires should be cooled with large amounts of water to prevent buildup of internal pressure due to vapor generation which could result in container rupture.	

**SECTION V – REACTIVITY DATA**

<b>STABILITY:</b>	STABLE	√	<b>CONDITIONS TO AVOID:</b> None known
<b>INCOMPATIBILITY (Materials to avoid):</b> Strong oxidizers, acetaldehyde, chlorine, ethylene oxide, acid, isocyanates			
<b>HAZARDOUS POLYMERIZATION:</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID:</b> Heat, sparks, and open flame
	<b>WILL NOT OCCUR</b>	√	Do NOT store in aluminum >120° F
<b>HAZARDOUS PRODUCTS:</b> CO and unidentified organic compounds may be formed of decomposition.			

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SECTION VI – HEALTH HAZARD DATA	
<b>ROUTE(S) OF ENTRY: INHALATION?:</b>	yes
<b>SKIN?:</b>	yes
<b>INGESTION?:</b>	yes
<b>DERMAL CONTACT?:</b>	yes
<b>HEALTH HAZARDS (Acute and Chronic):</b> N/A	
<b>CARCINOGENICITY:</b> Not identified as a carcinogen by the NTP Annual Report on Carcinogens, IARC Monographs or by OSHA.	
<b>SIGNS AND SYMPTOMS OF OVEREXPOSURE: Inhalation:</b> Mild irritation of eyes, nose and throat.	
<b>Ingestion:</b> Drowsiness, headache <b>Dermal contact:</b> Dry, cracking skin <b>Acute Effects:</b> Irritation of skin and/or upper respiratory tract as noted above. Acute CNS depression may be manifested as giddiness, headache, dizziness and/or nausea. <b>Chronic Effects:</b> Chronic exposure can result in skin irritation and contact dermatitis. Pre-existing disorders of the skin, eyes, and respiratory tract may be exacerbated by exposure to isopropyl alcohol.	
<b>EMERGENCY AND FIRST AID PROCEDURES: Inhalation:</b> Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention if breathing continues to be difficult. <b>Eye:</b> Flush eyes with copious amount of water for a least 15 minutes. <b>Skin:</b> Flush with water. If irritation persists, seek medical attention.	
<b>Ingestion:</b> Do not induce vomiting if victim is unconscious or drowsy. Seek medical attention or contact the poison control center.	

SECTION VII – SPILL OR LEAK PROCEDURES	
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Large Spills:</b> Eliminate all ignition sources. Equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Contain source of spill. Dike or otherwise confine spilled product. Uncontrolled releases to air, land or water may be reportable to the National Response Center (1-800-424-8802.) <b>Small Spills:</b> Take up with absorbent material and placed in non-leaking container; seal tightly. Dispose of absorbent.	
<b>DISPOSAL CONSIDERATIONS:</b> Contact your supplier or a licensed contractor for detailed recommendations.	
<b>DISPOSAL REGULATORY REQUIREMENTS:</b> Follow applicable Federal, state, and local regulations. Consider fuel blending as an alternative to incineration. <b>ENVIRONMENTAL DEGRADATION:</b> Should be removed readily from soils and water by volatilization and biodegradation.	

SECTION VIII – SPECIAL PROTECTION INFORMATION		
<b>VENTILATION:</b>	<b>LOCAL EXHAUST:</b> ✓	<b>SPECIAL:</b> None
	<b>MECHANICAL (General):</b> None	<b>OTHER:</b> None
<b>Engineering measures:</b> Use explosion-proof ventilation equipment as necessary to maintain airborne concentrations below the PEL. Ground all containers to prevent static sparks during fluid transfers.		
<b>PROTECTIVE GLOVE:</b> Gloves		<b>EYE PROTECTION:</b> Goggles
<b>OTHER PROTECTIVE EQUIPMENT:</b> NIOSH approved respiratory protection required when above PEL/TWA.		

SECTION IX – SPECIAL PRECAUTIONS	
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Handling</b> Use non-sparking tools to open containers. Maintain appropriate class of fire extinguishers nearby in case of fire.	
<b>Storage:</b> Store in tightly closed containers in a cool, dry area away from heat and other possible ignition sources.	
<b>Recommended Hygiene Practices:</b> Clean PPE and work clothing contaminated prior to reuse. After working with this product, be sure to wash before eating, smoking, drinking or applying cosmetics.	

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.....