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: **Q. A. Labs./Certified Safety Mfg., Inc.**	TELEPHONE NO. **(816) 483-9090**	
ADDRESS: **1400 Chestnut Avenue Kansas City, Missouri 64127**		
IDENTITY (AS USED ON LABEL): ***Alcohol Gel***	DATE PREPARED: 12/22/09	DATE REVIEWED:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION				
HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
AMP-95® Disperant	**70%**			
2-Amino-2-Methyl-1-Propanol CAS# 124-68-5 (90%)				
2-(Methylamino)-2-Methyl-1-Propanol CAS#27646-80-6 (5%)				
Glycol, Glycerol	**10%**	**15mg/m(3)**		**10 mg/m(3) Mist**
(Glycerine, 1,2,3-Propanetriol, Trihydroxypropane) CAS#000056-81-5 (96.5-99.5%)				
CARBOPOL*940	**5%**			
Acrylic polymer CAS#0009003-01-4 (<100%)				
Benzene CAS#0000071-43-2 (<.30%)				
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 (ºF):	180ºF	**SPECIFIC GRAVITY (H_20= 1):**	1.4
VAPOR PRESSURE (mm Hg.):	<1@ 68ºF	**PERCENT VOLATILE BY VOLUME (%)**	N/A
VAPOR DENSITY (AIR=1)	3.1	**EVAPORATION RATE: (Butyl Acetate =1)**	Slower than ether
SOLUBILITY IN WATER:	Miscible		
APPEARANCE AND ODOR: White gel with characteristic alcohol odor			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used): 188ºF (TCC)	**FLAMMABLE LIMITS:**	**LEL:** 2%	**UEL:** 12%
EXTINGUISHING MEDIA: Use water, alcohol foam, dry chemical or CO_2			
SPECIAL FIRE FIGHTING PROCEDURES: Special protective equipment for fire-fighters: Clear area of			
unprotected personnel. Wear complete turnout gear. Cool containers exposed to fire with water.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: 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. If product is heated to elevated temperatures, irritating vapors can be produced. Oxides of carbon and			
nitrogen are generated by exposure to heat from fires.			

SECTION V – REACTIVITY DATA				
STABILITY:	STABLE	√		**CONDITIONS TO AVOID:** None known
INCOMPATABILITY (*Materials to avoid*): Avoid strong oxidizing agents as sodium hypochlorite, hypochlorous acid				
HAZARDOUS POLYMERIZATION:	**MAY OCCUR**			**CONDITIONS TO AVOID:** None known
	WILL NOT OCCUR	√		

HAZARDOUS DECOMPOSITION PRODUCTS: Acrolein, Carbon Dioxide, Carbon Monoxide, various hydrocarbons

SECTION VI – HEALTH HAZARD DATA
ROUTE(S) OF ENTRY: **INHALATION?**: yes **SKIN?**: yes **INGESTION?**: yes
HEALTH HAZARDS (*Acute and Chronic)*: Harmful if ingested (damaging to mucous membranes). Causes eye burns and severe irritation to the skin. Mist is irritating to mucous membranes, Irritation from vapors occurs only when product is heated to elevated temperatures. Primary route of exposure is skin contact.
CARCINOGENICITY: Not identified as a carcinogen by the NTP, IARC Monographs or by OSHA.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: Inhalation: Irritation from vapors occurs when product is heated to elevated temperatures. **Ingestion:** Harmful if ingested (damaging to mucous membranes). **Eye and Skin:** Can Cause eye burns and severe skin irritation.
EMERGENCY AND FIRST AID PROCEDURES: **Inhalation:** Remove victim to fresh air. **Eye:** Immediately flush eye with large amounts of water for at least 15 minutes: See a physician. **Skin:** Flush with water. If irritation persists, seek medical attention. **Ingestion:** Neutralize swallowed product with diluted vinegar. Do not induce vomiting.

SECTION VII – SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Large Spills: Evacuate the area of unprotected personnel. **Small Spills:** Take up with absorbent material and placed in non-leaking container; seal tightly. Dispose of absorbent properly.
DISPOSAL CONSIDERATIONS: Contact your supplier or a licensed contractor for detailed recommendations.
DISPOSAL REGULATORY REQUIREMENTS: Follow applicable federal, state, and local regulations.
ENVIRONMENTAL DEGRADATION: Should be removed readily from soils and water by volatilization and biodegradation.

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

SECTION IX – SPECIAL PRECAUTIONS
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Maintain appropriate class of fire extinguishers nearby in case of fire.
Storage: Store in tightly closed containers in a cool, dry area away from heat and other possible ignition sources.
Recommended Hygiene Practices: 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.