



**MSDS035**

**Personal Safety Equipment Towelettes**

---

## MATERIAL SAFETY DATA SHEET

---

### Chemical Product and Company Identification

---

LABEL IDENTIFIER: Personal Safety Equipment Towelettes

PRODUCT IDENTIFIER: P/N 697382 Towelettes, Canister of 220

COMPANY IDENTIFICATION: MINE SAFETY APPLIANCES COMPANY  
1100 Cranberry Woods Drive  
Cranberry Township, PA 16066  
CUSTOMER SERVICE: 1-800-MSA-2222 (8:30 a.m. – 5:00 p.m., USA local time)  
EMERGENCY: 1-800-255-3924 (CHEM-TEL, INC.)

---

### Vendor Information

---

**A Material Safety Data Sheet as furnished by Allegro Industries for Wipe Downs for Equipment, P/N 5001 (Personal Safety Equipment Towelettes), is attached (2 pages).**

Allegro Industries MSDS REVISION DATE: 7/04

---

### Other Information

---

WARNING: This is a hazardous chemical product. By following the directions and warnings provided with this product, the hazards associated with the use of this product can be greatly reduced but never entirely eliminated. Mine Safety Appliances Company makes no warranties, expressed or implied, with respect to this product and EXPRESSLY DISCLAIMS THE WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Users assume all risks in handling, using, or storing this product.

## MATERIAL SAFETY DATA SHEET

<b>1. IDENTIFICATION AND GENERAL INFORMATION</b>		
P/N#:	5001	<u>NFPA Code</u>
Nomenclature:	Wipe Downs for Equipment	H 1
Company Name:	Allegro Industries	F 2
Address:	7221 Orangewood Avenue	R 0
	Garden Grove, CA 92841	O None
	714-899-9855	
	Chemtrac: 800-424-9300	
<b>2. COMPOSITION</b>		
Chemical Name:	Isopropyl Alcohol	
Chemical Family:	Alcohol	
Synonyms:		
<b>Active Ingredient:</b>	<b>Isopropyl Alcohol</b>	<b>Benzalkonium Chloride</b>
Molecular Weight:	60.1	N/A
Molecular Formula:	C <sub>3</sub> H <sub>8</sub> O/(C <sub>15</sub> H <sub>32</sub> ) <sub>2</sub> CHOH	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> R+C <sub>1</sub> -R=C <sub>6</sub> H <sub>17</sub> TO C <sub>16</sub> H <sub>37</sub>
CAS Number:	67-63-0	8001-54-5
Percent:	15.0%	0.45 %
		84.55 %
<b>3. HAZARDS IDENTIFICATION</b>		
Physical Dangers:	Vapors are flammable. Heating will cause rise in pressure with risk of bursting.	
Chemical Dangers:	Reacts strong with oxidants.	
Routes of Exposure:	The substance can be absorbed into the body by inhalation of its vapor, by inhalation of its aerosol and by ingestion.	
Target Organs:	Absorption, inhalation, ingestion.	
<b>Health Hazards:</b>		
Inhalation:	May cause coughing, dizziness, drowsiness, headache, nausea, sore throat, vomiting.	
Skin Contact:	May cause redness.	
Eye Contact:	May cause redness, pain, blurred vision.	
Ingestion:	May cause dizziness, drowsiness, nausea, sore throat, vomiting.	
Chronic Exposure:	Repeated or prolonged contact may cause dermatitis.	
Acute Exposure:	The substance irritates the eyes, the skin and the respiratory tract. The substance may cause effects on the central nervous system, resulting in depression. Exposure far above the OEL may result in unconsciousness. The effects may be delayed. Medical observation is indicated.	
Aggravation of Pre-Ex. Cond:	None known	
<b>4. FIRST AID MEASURES</b>		
Inhalation:	Remove to fresh air and contact physician if necessary.	
Skin Contact:	Remove contaminated clothes. The affected area should be thoroughly washed with soap and water. If irritation persists, call a physician.	
Eye Contact:	First rinse with plenty of water for several minutes (remove contact lenses if easily possible). Take to a physician	
Ingestion:	Do not induce vomiting. Contact a physician or local poison control center immediately	
<b>5. FIRE FIGHTING MEASURES</b>		
Fire Hazards:	Handle as flammable liquid.	
Fire Extinguisher:	Dry chemical, Foam, or Carbon Dioxide	
Explosion:	In case of fire: keep drums, etc., cool by spraying with water.	
Flash Point:	104° F	
Volatile (% by volume):	N/A	
Exp. Limits (Vol % in air):	2-12 (vol % in air)	
Auto Ignition Temperature:	455°C	
Special Fire Fighting Proc:	Handle as flammable liquid.	
PPE for Fire Fighters	Respiratory protection for fire fighting personnel.	
Notes:	UEL: 12.7% (200°F) LEL: 2.0%	
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
Procedure for spill/leak:	Evacuate danger area. Collect any leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place.	
Waste Disposal:	Dilute, small quantities may be disposed of locally. Large concentrated quantities are handled as flammable waste. Dispose of in accordance with current laws and regulations.	
<b>7. HANDLING AND STORAGE</b>		
Storage:	Keep containers closed when not in use. Do not store near heat. Fireproof cabinet. Avoid sparks and open flames. Keep separated from strong oxidants. Keep cool and in a well-ventilated room.	
Self Life:	3 Years	
PPE:	Use safety goggles and gloves if handling in large quantities	
Notes:	PPE is not required when handling individual wipe pads.	

## MATERIAL SAFETY DATA SHEET

<b>8. EXPOSURE CONTROLS</b>			
PPE:	Use safety goggles and gloves if handling in large quantities.		
Inhalation:	Coughing, dizziness, drowsiness, headache, nausea, sore throat, vomiting. If Permissible Exposure Level (PEL) is exceeded, use NIOSH approved respirator.		
Skin:	If handled in volume use chemical resistant gloves.		
Eye:	If eye splash is possible wear safety goggles.		
Ingestion:	Do not ingest. Do not eat or drink when handling.		
Ventilation:	Local exhaust or breathing protection.		
Engineering Controls:	None		
Work/Hygienic Practices:	Use good personal hygiene practices. Limit exposure to product whenever possible. Wash after any contact.		
<b>Exposure Limits:</b>			
<b>Chemical:</b>	<b>Isopropyl Alcohol</b>	<b>Benzalkonium Chloride</b>	<b>Water</b>
TLV (TWA):	400 ppm 983 mg/m <sup>3</sup>	N/A	N/A
PEL (OSHA PEL):	400ppm 980 mg/m <sup>3</sup>	N/A	N/A
REL (NIOSH):	400ppm 980 mg/m <sup>3</sup>	N/A	N/A
IDLH (NIOSH)	2000 PPM	N/A	N/A
Control Parameter:	N/A	N/A	N/A
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>			
Color/Appearance/Odor	White liquid with alcohol order.		
Boiling Point (Deg. C):	183° F		
Melting Point (Deg. C):	N/A		
Specific Gravity (H <sub>2</sub> O=1):	0.868-0.878		
Refractive Index:	N/A		
Relative Density (water=1):	0.79		
Evaporative Rate:	1		
Water Content:	84%		
Vapor Density ( Air=1):	2.1		
Vapor Press. (kPa at 20°C):	4.4		
Solubility in Water:	Miscible		
Notes:	Octanol/water partition coefficient as log Pow: <0.28		
<b>10. STABILITY AND REACTIVITY</b>			
Conditions to avoid:	The vapour mixes well with air. Explosive mixtures are easily formed. Flames, sparks.		
Materials to avoid	Oxidants, Acetaldehyde, Chlorine, Ethylene, Oxide, Acids, Isocyanates.		
<b>11. TOXICOLOGICAL INFORMATION</b>			
Health effects:	N/A		
Oral LD50:	N/A		
Dermal LD50:	N/A		
Human Lethal Dose:	N/A		
Notes:	N/A		
<b>12. ECOLOGICAL INFORMATION</b>			
It is strongly advised not to let the chemical enter the environment.			
<b>13. DISPOSAL CONSIDERATIONS</b>			
Refer to Federal, State and local regulations.			
<b>14. TRANSPORT INFORMATION</b>			
Proper shipping name:	Cleaning Wipes		
Transport Emergency Card:	TEC (R) -544		
Packing Group:	II		
UN Number:	1219		
Reportable Quantity:	N/A		
<b>15. REGULATORY INFORMATION</b>			
TSCA Registered:	No		
FDA Approved:	N/A		
ICSC:	554		
<b>16. OTHER INFORMATION</b>			
RIFM Approved:	N/A	FEMA Approved:	N/A
RIFM Number:	N/A	FEMA Number:	N/A

**DISCLAIMER: THE INFORMATION FURNISHED HEREIN IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST DATA CURRENTLY AVAILABLE TO US. NO WARRANTY, EXPRESSED OR IMPLIED IS MADE AND ALLEGRO INDUSTRIES ASSUMES NO LEGAL RESPONSIBILITY OR LIABILITY RESULTING FROM ITS USE.**