



**MSDS055**

**Personal Safety Equipment Towelettes**

## **MATERIAL SAFETY DATA SHEET**

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### **Chemical Product and Company Identification**

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LABEL IDENTIFIER: Personal Safety Equipment Towelettes

PRODUCT IDENTIFIER: P/N 697383 Towelettes, Carton of 100

COMPANY IDENTIFICATION: MINE SAFETY APPLIANCES COMPANY  
P.O. Box 439  
Pittsburgh, PA 15230  
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.)

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### **Vendor Information**

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**A Material Safety Data Sheet as furnished by Allegro Industries for Wipe Downs for Equipment, P/N 3001 ( Personal Safety Equipment Towelettes ), is attached ( 2 pages ).**

Allegro Industries MSDS REVISION DATE: 03/04

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### **Other Information**

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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#:	<b>3001</b>	<b>NFPA Code</b>
Nomenclature:	<b>Alcohol Free Towelettes</b>	H 0
Company Name:	Allegro Industries	F 0
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:	Benzalkonium Chloride	
Chemical Family:	Amide Salt	
Synonyms:	BTC, Zephiran Chloride	
Ingredient:	<b>Benzalkonium Chloride</b>	
Molecular Weight:	N/A	
Molecular Formula:	C <sub>18</sub> H <sub>31</sub> CH <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> R+C <sub>17</sub> H <sub>35</sub> R=C <sub>18</sub> H <sub>37</sub> TO C <sub>18</sub> H <sub>37</sub>	
CAS Number:	8001-54-5	
Percent:	0.13%	
<b>3. HAZARDS IDENTIFICATION</b>		
Physical Dangers:	None Known	
Chemical Dangers:	None Known	
Routes of Exposure:	Inhalation, adsorption, ingestion.	
Target Organs:	None	
Health Hazards:		
Inhalation:	Fumes may be harmful.	
Skin Contact:	May cause burns, and may be absorbed through skin.	
Eye Contact:	May cause eye irritation if splashed.	
Ingestion:	Toxic, do not ingest. Contains Benzalkonium Chloride.	
Chronic Exposure:	None Known	
Acute Exposure:	None Known	
Aggravation of Pre-Ex.Cond:	None Known	
<b>4. FIRST AID MEASURES</b>		
Inhalation:	Fresh Air.	
Skin Contact:	Wash with soap and water.	
Eye Contact:	Rinse thoroughly with cool water. If irritation persists consult a physician.	
Ingestion:	Get medical attention.	
<b>5. FIRE FIGHTING MEASURES</b>		
Fire Hazards:	None	
Fire Extinguisher:	Water, CO <sub>2</sub> , Dry Chemical	
Explosion:	None	
Flash Point:	250 °C	
Volatile (% by volume):	N/A	
Exp. Limits (Vol % in air):	N/A	
Auto Ignition Temperature:	N/A	
Special Fire Fighting Proc:	None	
PPE for Fire Fighters	Full Facepiece, Pressure Demand SCBA	
Notes:	Flammable Limits (ASTM D93-78)	
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
Procedure for spill/leak:	Rinse & dilute with water.	
Waste Disposal:	Dispose of in accordance with current laws and regulations.	
<b>7. HANDLING AND STORAGE</b>		
Storage:	Store in tight containers in a cool dry place away from light and heat. Store at room temperature.	
Self Life:	3 Years	
PPE:	Use Safety goggles and gloves if handling in large quantities.	
Notes:	None	

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<b>8. EXPOSURE CONTROLS</b>		
PPE:	Use appropriate PPE when handled in large quantities.	
Inhalation:	Harmful by inhalation.	
Skin:	Avoid prolonged contact with skin. Use protective gloves.	
Eye:	If eye splash is possible wear splash proof glasses.	
Ingestion:	Toxic, do not ingest.	
Ventilation:	Adequate ventilation.	
Engineering Controls:	N/A	
Work/Hygienic Practices:	Wash hands after use.	
Exposure Limits:	N/A	
Chemical:	Benzalkonium Chloride	
TLV (ACGIH TLV):	N/A	
PEL (OSHA PEL):	N/A	
Control Parameter:	N/A	
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
Color/Appearance/Odor:	Colorless liquid, faint medicinal odor.	
Boiling Point	212 °F	
Melting Point	N/A	
Specific Gravity (H <sub>2</sub> O=1):	0.999	
Refractive Index:	N/A	
Relative Density:	N/A	
Evaporative Rate:	N/A	
Water Content:	99.87 %	
Vapor Density (Air=1):	N/A	
Vapor Pressure:	23.8 (mm Hg)	
Solubility in Water:	Very Soluble	
<b>10. STABILITY AND REACTIVITY</b>		
Conditions to avoid:	None Known	
Materials to avoid	None Known	
Hazardous Decomposition:	Will not occur	
<b>11. TOXICOLOGICAL INFORMATION</b>		
Health effects:	Corrosive, toxic- causes burns. Harmful by inhalation, ingestion and through skin contact. May cause reproductive defects. May act as a mutagen.	
Oral-RAT LD50:	240 mg kg <sup>-1</sup>	Oral-WMN LD50: 266 mg kg <sup>-1</sup> IPN-RAT LD50 14.5 mg kg <sup>-1</sup>
Dermal LD50:	N/A	
Human Lethal Dose:	N/A	
Notes:	Not listed by OSHA, NTP or IARC as a Carcinogen	
<b>12. ECOLOGICAL INFORMATION</b>		
None Available.		
<b>13. DISPOSAL CONSIDERATIONS</b>		
Refer to Local, State and Federal laws and regulations.		
<b>14. TRANSPORT INFORMATION</b>		
Proper shipping name:	Disinfectant	
Transport Emergency Card:	N/A	
Packing Group:	III	
UN Number:	N/A	
Reportable Quantity	N/A	
Notes:	UN Hazard Class: 8	
<b>15. REGULATORY INFORMATION</b>		
TSCA Registered:	No	RTECS: N/A
FDA Approved:	No	
ICSC:	N/A	
<b>16. OTHER INFORMATION</b>		
None		

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