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## MATERIAL SAFETY DATA SHEET

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### Chemical Product and Company Identification

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LABEL IDENTIFIER: Safety Equipment Wipes

PRODUCT IDENTIFIER: P/N 697350 Wipes,Safety Equipment  
P/N 697383 Towelettes, Carton of 100, Individually Packaged  
P/N 10022871 Premoistened Sheet, 8" x 11", 50/Package

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.)

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### Vendor Information

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**A Material Safety Data Sheet as furnished by Allegro Industries for Safety Equipment Wipes, P/N 3001-05 (Alcohol Free Towelettes), is attached (2 pages).**

Allegro Industries MSDS REVISION DATE: 01/17/2012

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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, 3001-05, 3001-10</b>	<b><u>NFPA Code</u></b>
Nomenclature:	<b>Alcohol Free Towelettes</b>	H 0
Company Name:	Allegro Industries	F 0
Address:	1360 Shiloh Church Rd	R 0
	Piedmont, SC 29673	O None
	864-846-8740	
	Chemtrac: 800-424-9300	
<b>2. COMPOSITION</b>		
Product Name:	Benzyl-C12-18-Alkyldimethyl Chloride	
Chemical Family:	N/A	
Synonyms:	N/A	
Ingredient:	Benzyl-C12-18-Alkyldimethyl Chloride De-ionized Water	
CAS Number:	68391-01-5	7732-18-5
Percent:	0.4%	99.6%
Weight per Gallon:	8.1 lbs	
<b>3. HAZARDS IDENTIFICATION</b>		
<u>Health Hazards:</u>		
Inhalation:	Mist cause by manufacturing operations irritates nasal passages. Prolonged inhalation of vapors causes nausea, loss of motor skills, and disorientation.	
Skin Contact:	Prolonged contact with skin causes irritation.	
Eye Contact:	Contact with eyes is painful and will cause chemical burns.	
Ingestion:	If swallowed, consult a physician immediately.	
Notes:	None.	
<b>4. FIRST AID MEASURES</b>		
Inhalation:	Go to fresh air. Give oxygen or apply artificial respiration if needed.	
Skin Contact:	Wash skin off with water. Remove contaminated clothing and clean before reusing.	
Eye Contact:	Flush eyes immediately with plenty of water.	
Ingestion:	If swallowed, consult a physician immediately.	
<b>5. FIRE FIGHTING MEASURES</b>		
Flash Point:	125°F (52°C)	
Flammable Limits in Air- Lower:	3%	
Flammable Limits in Air-Upper:	19%	
Notes:	None.	
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
Procedure:	Contain all spills and leaks to prevent discharge into the environment. Prevent electrical sparking. Ventilate area.	
Small Spills:	Soak up with absorbent, shovel into waste container, and flush area with water.	
Large Spills:	Recover liquid for reprocessing or disposal.	
Waste Disposal:	Recover material or dispose in accordance with all applicable Federal, State, and local Regulations. Material collected may be disposed in a permitted landfill in accordance with Federal, State, and Local Regulations. Empty container may retain vapor or product residue. Observe all labeled safeguards until container is cleaned, reconditioned, or destroyed.	
<b>7. HANDLING AND STORAGE</b>		
Storage:	Avoid open fire or flame.	
Shelf Life:	18 months.	
Other Precautions:	Spilled material is slippery. Wash thoroughly after handling. If ingested, call a doctor.	
Notes:	None.	
<b>8. EXPOSURE CONTROLS</b>		
Notes:	None.	
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
Color/Appearance/Odor:	Colorless liquid, faint medicinal odor.	
Boiling Point:	200°F (93°C)	
Evaporation Rate:	Estimated slower than ethyl ether.	
Vapor Density:	Estimated heavier than air.	
Vapor Pressure:	@ 20°C ND	
% Volatile by Volume:	50%	

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## 10. STABILITY AND REACTIVITY

Conditions to Avoid: N/A  
Materials to Avoid: N/A

## 11. TOXICOLOGICAL INFORMATION

Health Effects: N/A  
Oral-RAT LD50: N/A  
Dermal LD50: N/A  
Human Lethal Dose: N/A  
Notes: Not listed by OSHA, NTP or IARC as a Carcinogen

## 12. ECOLOGICAL INFORMATION

N/A

## 13. DISPOSAL CONSIDERATIONS

N/A

## 14. TRANSPORT INFORMATION

Proper Shipping Name: N/A  
Transport Emergency Card: N/A  
Packing Group: N/A  
UN Number: N/A  
Reportable Quantity: N/A  
Notes: N/A

## 15. REGULATORY INFORMATION

TSCA Registered: N/A  
FDA Approved: N/A  
ICSC: N/A

## 16. OTHER INFORMATION

None.

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