

# MATERIAL SAFETY DATA SHEET

<b>1. IDENTIFICATION AND GENERAL INFORMATION</b>		
P/N#:	<b>1001, 1001-05</b>	<b>NFPA Code</b>
Nomenclature:	<b>Personal Safety Equipment Cleaning Pads</b>	H 1
Company Name:	Allegro Industries	F 3
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:	Hygienic Alcohol Wipe	
Chemical Family:	Alcohol	
Synonyms:	N/A	
Recommended Use:	Personal Protective Equipment Cleaner. Respirator Cleaner	
Ingredient:	Water	Isopropyl Alcohol
CAS Number:	7732-18-5	67-63-0
Percent by Weight:	30%	70%
Notes:	N/A	

<b>3. HAZARDS IDENTIFICATION</b>	
Physical Dangers:	Flammable liquid. Keep away from source of ignition
Chemical Dangers:	May form toxic materials; carbon dioxide, etc.
Routes of Exposure:	Skin contact.
Target Organs:	N/A
<b>Health Hazards</b>	
Inhalation:	Avoid breathing vapor or mists. May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, dizziness, vomiting and incoordination.
Skin Contact:	May cause mild irritation.
Eye Contact:	Vapor may cause irritation.
Ingestion:	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Exposure:	May cause skin effects.
Acute Exposure:	N/A
Aggravated Medical Condition:	Chronic exposure may aggravate pre-existing skin conditions, or impaired liver, kidney, or pulmonary function.
Notes:	N/A

<b>4. FIRST AID MEASURES</b>	
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Skin Contact:	Wash with soap and water. If irritation persists, or allergic reaction occurs, call a physician.
Eye Contact:	Rinse immediately with plenty of clean water, also under eyelids, for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persists, call a physician.
Ingestion:	Drink large amounts of water. Never give anything by mouth to an unconscious person. Consult a physician.
Notes to Physicians:	Treat symptomatically.

<b>5. FIRE FIGHTING MEASURES</b>	
Fire Hazards:	Flammable Material
Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Explosion Data:	Sensitivity to Mechanical Impact: Not sensitive Sensitivity to Static Discharge: Yes
Flash Point:	54°F (12°C)
Volatile (% by volume):	N/A
Exp. Limits (Vol % in air):	N/A
Auto Ignition Temperature:	N/A
Special Fire Fighting Proc:	N/A
Protective Equipment:	Wear self contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.
Hazardous Byproducts of Combustion:	Carbon oxides
Notes:	N/A

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## 6. ACCIDENTAL RELEASE MEASURES

### Procedure for Spill/Leak:

- Personal Precaution: Use personal protective equipment. Avoid contact with skin and eyes. Remove all sources of ignition.
- Containment Methods: Extinguish all sources of ignition, and ventilate area. Prevent further leakage or spillage if safe to do so.
- Clean-up Methods: Use personal protective equipment. Soak up with absorbent material. Pick up and transfer to properly labeled containers.
- Waste Disposal: Dispose in accordance with local regulations.

## 7. HANDLING AND STORAGE

- Handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and clothing. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children.
- Storage: Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition. Keep away from children.
- Shelf Life: 18 months
- PPE: N/A
- Notes: N/A

## 8. EXPOSURE CONTROLS

- PPE:** See below.
- Inhalation: If exposure limits are exceeded or irritation is experienced. NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
- Skin: None under normal use conditions. Protective gloves.
- Eye: No special equipment required in normal use.
- Ingestion: N/A
- Ventilation: N/A
- Engineering Controls: Showers. Eyewash Stations. Ventilation Systems.
- Work/Hygienic Practices: When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.
- Exposure Limits:
- | <u>OSHA PEL</u>                        | <u>NIOSH IDLH</u>            | <u>ACGIH TLV</u> |
|--|------------------------------|------------------|
| TWA: 400 ppm                           | IDLH: 2000 ppm 10% LEL       | + 400 ppm STEL   |
| TWA: 980 mg/m <sup>3</sup>             | TWA: 400 ppm                 | TWA: 200 ppm     |
| (vacated) TWA: 400 ppm                 | TWA: 980 mg/m <sup>3</sup>   |                  |
| (vacated) TWA: 980 mg/m <sup>3</sup>   | STEL: 1225 mg/m <sup>3</sup> |                  |
| (vacated) STEL: 1225 mg/m <sup>3</sup> | STEL: 500 ppm                |                  |
| (vacated) STEL: 500 ppm                |                              |                  |
- Notes: N/A

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Color/Appearance/Odor: White solid, mild alcohol scent.
- Physical State: Solid. Solid containing liquid. Moist paper.
- Boiling Point: N/A
- Melting Point: N/A
- Specific Gravity (H<sub>2</sub>O=1): N/A
- Refractive Index: N/A
- Relative Density: N/A
- Evaporative Rate: N/A
- Water Content: N/A
- Vapor Density (Air=1): N/A
- Vapor Pressure: N/A
- Solubility in Water: N/A

## 10. STABILITY AND REACTIVITY

- Stability: Stable under recommended storage conditions.
- Conditions to Avoid: Heat, flames and sparks.
- Materials to Avoid: Strong oxidizing agents. Acids. Avoid contact with Aluminum, Zinc and other reactive metals.
- Hazardous Decomposition or By-Products: Carbon Oxides
- Hazardous Reactions: Hazardous polymerization does not occur.

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**11. TOXICOLOGICAL INFORMATION**

Health Effects: Acute Toxicity: May be harmful by inhalation, ingestion or skin absorption.  
Chronic Toxicity: May cause skin effects.

	<u>Water</u>	<u>Isopropyl Alcohol</u>
Oral LD50:	90 mL/kg (Rat)	4396 mg/kg (Rat)
Dermal LD50:	N/A	12800 mg/kg (Rat), 12870 mg/kg (Rabbit)
Inhalation LD50:	N/A	72.6 mg/L (Rat) 4h

Notes:

**12. ECOLOGICAL INFORMATION**

The environmental impact of this product has not been fully investigated.

**13. DISPOSAL CONSIDERATIONS**

Waste Disposal Methods:

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Contaminated Materials: Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

DOT: Not regulated per 172.102 Special Provision 47.  
IATA: Not regulated per Special Provision A46.  
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**

TSC: Complies  
DSL: Does not comply  
EINECS/ELINCS: Does not comply  
ENCS: Does not comply  
IECSC: Does not comply  
KECL: Does not comply  
PICCS: Does not comply  
AICS: Does not comply  
California Proposition 65: This product does not contain any Proposition 65 chemicals.

**16. OTHER INFORMATION**

None.

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