

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION AND GENERAL INFORMATION		NFPA Code
P/N#:	1001, 1001-05	H 1
Nomenclature:	Personal Safety Equipment Cleaning Pads	F 3
Company Name:	Allegro Industries	R 0
Address:	7221 Orangewood Avenue Garden Grove, CA 92841 714-899-9855 Chemtrac: 800-424-9300	O None
2. COMPOSITION		
Chemical Name:	Isopropyl Alcohol	
Chemical Family:	Alcohol	
Synonyms:	2-propanol, Isopropanol alcohol	
Molecular Weight:	60.1	
Molecular Formula:		
Active Ingredient:	Isopropyl	Water and Inert Ingredients
CAS Number:	67-63-0	N/A
Percent:	70.0%	30.0%
3. HAZARDS IDENTIFICATION		
Physical Dangers:	Highly 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 it's vapor, by inhalation of its aerosol and by ingestion.	
Target Organs:	Absorption, Inhalation, Ingestion.	
Health Hazards:		
Inhalation:	May cause coughing dizziness, drowsiness, headache, nausea, sore throat, vomiting.	
Skin Contact:	May casue redness.	
Eye Contact:	May cause redness, pain, blurred vision.	
Ingestion:	May cause dizziness, drowsiness, nausea, sore thtoat, vomiting.	
Chronic Exposure:	Repeated or prolonged contact may casue dermatitis.	
Acute Exposure:	The substance ittitates the eyes, the skin and the resirtory 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 obervation is indicated.	
Aggravation of Pre-Ex.Cond:	None Known	
4. FIRST AID MEASURES		
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:	Frist 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	
5. FIRE FIGHTING MEASURES		
Fire Hazards:	Handle as flammable liquid.	
Fire Extinguisher:	Dry chemical or alcohol type foam, Carbon Dioxide	
Explosion:	In case of fire: keep drums, ect., cool by spraying with water.	
Flash Point:	11.7°C (78°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%	
6. ACCIDENTAL RELEASE MEASURES		
Procedure for spill/leak:	Evacuate danger area. Collect leaking liquid is 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 quantites are handled as fammable waste. Dispose of inaccordance with currant laws and regulations.	
7. HANDLING AND STORAGE		
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 well-ventilated room.	
Self Life:	3 Years	
PPE:	Use saftey goggles and gloves if handling in large quantites.	
Notes:	PPE is not required when handling indling individual wipe pads.	

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8. EXPOSURE CONTROLS

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.
Exposure Limits:	
Chemical:	Isopropyl Alcohol
TLV (ACGIH TLV)	400 ppm 983 mg/m ³
PEL (OSHA PEL):	400 ppm 980 mg/m ³
REL (NIOSH)	400 ppm 980 mg/m ³
IDLH (HIOSH)	2000 ppm
Control Parameter:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Color/Appearance/Odor:	White liquid with alcohol odor.
Boiling Point	183°C
Melting Point	N/A
Specific Gravity (H ₂ O=1):	0.868-0.878
Refractive Index:	N/A
Relative Density:	0.79
Evaporative Rate:	1
Water Content:	68%
Vapor Density(Air-1):	2.1
Vapor Pressure:	4.4
Solubility in Water:	Miscible
Notes:	Octanol/water partition coefficient as log Pow: <0.28

10. STABILITY AND REACTIVITY

Conditions to avoid:	The vapour mixes with air. Explosive mixtures formed. Flames, sparks.
Materials to avoid	Oxidants, Acetaldehyde, Chlorine, Ethylene, Oxide, Acids, Isocyanates.

11. TOXICOLOGICAL INFORMATION

Health effects:	N/A
Oral LD50:	N/A
Dermal LD50:	N/A
Human Lethal Dose:	N/A
Notes:	N/A

12. ECOLOGICAL INFORMATION

It is strongly advised not to let the chemical enter the environment.

13. DISPOSAL CONSIDERATIONS

Refer to Federal, State and local regulations.

14. TRANSPORT INFORMATION

Proper shipping name:	Pad, Alcohol
Transport Emergency Card:	TEC (R) -544
Packing Group:	II
UN Number:	1219
Reportable Quantity	N/A

15. REGULATORY INFORMATION

TSCA Registered:	No
FDA Approved:	N/A
ICSC:	554

16. OTHER INFORMATION

RIFM Number:	N/A
RIFM Approved:	N/A

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