

SAFETY DATA SHEET

1. IDENTIFICATION AND GENERAL INFORMATION

P/N#: **1001, 1001-05, 1001-10**
Nomenclature: **Personal Safety Equipment Cleaning Pads**
Recommended Use of the Chemical & Restrictions on Use:
Uses: Personal protective equipment cleaner
Company Name: Allegro Industries
Address: 1360 Shiloh Church Rd
Piedmont, SC 29673
864-846-8740
Chemtrac: 800-424-9300

2. HAZARDS IDENTIFICATION

Appearance: Liquid absorbed onto a towelette
Physical State: Solid containing a liquid

Classification:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Unknown Acute Toxicity: 1.8% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

4. FIRST AID MEASURES

Eye Contact: Flush eyes immediately with water.
Skin Contact: Wash off skin with water. Remove contaminated clothing and clean before reusing.
Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration.
Ingestion: If ingested, call a doctor.

Most important symptoms and effects:

Symptoms: Mists may irritate nasal passages. Prolonged inhalation of vapors causes nausea, loss of motor skills, and disorientation.
Contact with eyes is painful and will cause chemical burns. Prolonged contact with skin causes irritation.

Indication of any immediate medical attention and special treatment needed:

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical. Carbon dioxide (CO₂). Foam. Water spray (fog). Any "ABC" class.

Unsuitable Extinguishing Med

Not determined.

Specific Hazards Arising from the Chemical:

Not determined.

Protective equipment and precautions for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Clothing should be worn in fighting fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: Use personal protective equipment as required. Prevent electrical sparking. Ventilate area of leak or spill.
Spilled material is slippery. Wash thoroughly after handling.
Environmental Precautions: Contain all spills and leaks to prevent discharge into the environment. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up:

Methods for Containment: Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up: Small spills: Soak up with absorbent, shovel into waste container, and flush with water.
Large spills: Recover liquid for reprocessing or disposal.

SAFETY DATA SHEET

7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Empty container may retain vapor or residue. Keep container tightly closed and store in a cool, dry and well-ventilated place.

Incompatible Materials: None known based on information supplied.

8. EXPOSURE CONTROLS

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropanol 67-63-0	STEL: 400 ppm	TWA: 400 ppm	IDLH: 2000 ppm
	TWA: 200 ppm	TWA: 980 mg/m3	TWA: 400 ppm
		(vacated) TWA: 400 ppm	TWA: 980 mg/m3
		(vacated) TWA: 980 mg/m3	STEL: 500 ppm
		(vacated) STEL: 500 ppm	STEL: 1225 mg/m3
		(vacated) STEL: 1225 mg/m3	

Appropriate engineering controls:

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment:

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene

Considerations: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid containing liquid

Appearance: Liquid absorbed onto a towelette

Color: Not determined

Odor: Not determined

Odor Threshold: Not determined

pH: Not determined

Melting Point/Freezing

Point: Not determined

Boiling Point/Boiling

Range: 93 °C / 200 °F

Flash Point: 105 °C / 221 °F

Evaporation Rate: Estimated slower than ethyl ether

Flammability (Solid, Gas): Not determined

Upper Flammability Limits: 19%

Lower Flammability Limit: 3%

Vapor Pressure: Not determined

Vapor Density: Estimated heavier than air

Specific Gravity: Not determined

Water Solubility: Not determined

Solubility in other solvents: Not determined

Partition Coefficient: Not determined

Auto-ignition Temperature: Not determined

Decomposition

Temperature: Not determined

Kinematic Viscosity: Not determined

Dynamic Viscosity: Not determined

Explosive Properties: Not determined

Oxidizing Properties: Not determined

SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Conditions to Avoid: Avoid open fire or flame.
Incompatible Materials: None known based on information supplied.
Hazardous Decomposition Products: None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information:

Eye Contact: Avoid contact with eyes.
Skin Contact: Avoid contact with skin.
Inhalation: Do not inhale.
Ingestion: Do not ingest.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropanol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit)	= 72.6 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects:

Symptoms: Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Carcinogenicity: Not classifiable as a human carcinogen. Isopropyl Alcohol (IPA) is listed as an IARC Monograph Group 3 chemical. However, IARC Group 3 chemicals are "not classifiable as human carcinogens". IPA is classified as an IARC Group 1 chemical ONLY when manufactured by the strong-acid process. The IPA used in this product is NOT manufactured by the strong-acid process and is therefore not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropanol 67-63-0		Group 3		X

Legend

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures

of toxicity: Not determined
Unknown Acute Toxicity: 1.8% of the mixture consists of ingredient(s) of unknown toxicity.

SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information:

Chemical Name	Algae/aquatic plants	Fish	Toxicity to micro-organisms	Crustacea
Isopropanol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50		13299: 48 h Daphnia magna mg/L EC50

Persistence/Degradability: Not determined

Bioaccumulation: Not determined

Mobility:

Chemical Name	Partition Coefficient
Isopropanol 67-63-0	0.05

Other Adverse Effects: Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: Recover material or dispose in accordance with all applicable federal, state and local regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with federal, state and local regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status:

Chemical Name	California Hazardous Waste Status
Isopropanol 67-63-0	Toxic Ignitable

14. TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not regulated

IATA: Not regulated

IMDG: Not regulated

SAFETY DATA SHEET

15. REGULATORY INFORMATION

International Inventories: Not determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations:

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropanol - 67-63-0	67-63-0	<1	1.0

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations:

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropanol 67-63-0	X	X	X

16. OTHER INFORMATION

NFPA

Health Hazards: Not determined

Flammability: Not determined

Instability: Not determined

Special Hazards: Not determined

HMIS

Health Hazards: Not determined

Flammability: Not determined

Physical Hazards: Not determined

Personal Protection: Not determined

Revised March 3, 2015 Rev. G

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.