

SAFETY DATA SHEET

1. IDENTIFICATION AND GENERAL INFORMATION

P/N#: **Allegro Alcohol (IPA) Hygienic Wipe (1001, 1001-05, 1001-10, 1001-20PP, 1001-20PPD, 1001-200PU)**
Nomenclature: **Personal Respirator Cleaning Pad**
Recommended Use of the Chemical & Restrictions on Use:
Uses: Personal protective equipment cleaner. Respirator cleaner.
Company Name: Allegro Industries
Address: 1360 Shiloh Church Rd
Piedmont, SC 29673
864-846-8740
Chemtec: 800-424-9300

2. HAZARDS IDENTIFICATION

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

Classification:

Serious eye damage/eye irritation	Category 2
Flammable Liquids	Category 2

Signal Word: Danger

Hazard Statements:

Causes serious eye irritation
Highly flammable liquid and vapor



Precautionary Statements - Prevention:

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Precautionary Statements - Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IN CASE OF FIRE: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage:

Store in a well-ventilated place.
Keep cool

Precautionary Statements - Disposal:

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION

Chemical Name	CAS No	Weight-%
Isopropanol	67-63-0	50-70

SAFETY DATA SHEET

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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 Media:
Not determined.

Specific Hazards Arising from the Chemical:
Highly flammable liquid and vapor.

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

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.

7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on Safe Handling: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Use explosion proof equipment. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

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

Incompatible Materials: None known based on information supplied.

8. EXPOSURE CONTROLS

Exposure Guidelines:

MS017
REV:M

SAFETY DATA SHEET

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropanol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3 (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m3 (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m3	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m3 STEL: 500 ppm 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: Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection: Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection: Refer to 29 CFR 1910.134 for respiratory protection requirements.

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: 22.8 °C / 73 °F

Evaporation Rate: Estimated slower than ethyl ether

Flammability (Solid, Gas): Not determined

Flammability Limit in Air

Upper Flammability or explosive limits: 19%

Lower Flammability or explosive limits: 3%

Vapor Pressure: Not determined

Vapor Density: Estimated heavier than air

Relative Density: 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

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

SAFETY DATA SHEET

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: Causes serious eye irritation.
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	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m3 (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

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

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

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 2,493.3333 mg/kg
Dermal LD50 5,412.00 mg/kg
ATEmix
(inhalation-dust/mist) 96.80 mg/L

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	Crustacea
Isopropanol 67-63-0	1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus</i>	11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static 9640: 96 h <i>Pimephales promelas</i>	13299: 48 h <i>Daphnia magna</i>

SAFETY DATA SHEET

	subspicatus mg/L EC50	mg/L LC50 flow-through 1400000: 96 h Lepomis macrochirus µg/L LC50	mg/L EC50
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Persistence/Degradability: Not determined

Bioaccumulation: There is no data for this product.

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

UN/ID No UN3175
Proper Shipping Name Solids containing flammable liquid, n.o.s. (Isopropanol)
Hazard Class 4.1
Packing Group II

IATA

UN/ID No UN3175
Proper Shipping Name Solids containing flammable liquid, n.o.s. (Isopropanol)
Hazard Class 4.1
Packing Group II

IMDG

UN/ID No UN3175
Proper Shipping Name Solids containing flammable liquid, n.o.s. (Isopropanol)
Hazard Class 4.1
Packing Group II

15. REGULATORY INFORMATION

International Inventories:

Chemical Name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS
Isopropanol	X	Active	X	X
water	X	Active	X	X

SAFETY DATA SHEET

Chemical Name	ENCS	IECSC	KECL	PICCS	AICS
Isopropanol	X	X	X	X	X
water	X	X	X	X	X

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	50-70	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

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