

SAFETY DATA SHEET

1. IDENTIFICATION AND GENERAL INFORMATION

NEW ZEALAND INFORMATION CENTRE

National Poisons Centre | Te Pokapū Mātauranga Tāoke
University of Otago | Te Whare Wānanga o Otāgo
PO Box 56, Dunedin 9054
New Zealand | Aotearoa

Poison advice (NZ): 0800 764766 (0800 POISON)
Health professionals: www.toxinz.com
Parents and caregivers: www.poisons.co.nz

P/N#: **Allegro 70% IPA Hygienic Wipe (1001, 1001-05, 1001-10)**
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
Chemtrac: 800-424-9300

2. HAZARDS IDENTIFICATION

Appearance: White solid
Physical State: Solid containing liquid Moist paper
Odor: Mild alcohol odor

Classification:

The information below is for the liquid in industrial quantities when used in an industrial setting. **The solution as packed in a consumer quantity is considered a consumer good and when used as intended is unlikely to present a hazard**

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

Signal Word: Danger

Hazard Statements:

May cause respiratory irritation. May cause drowsiness or dizziness. Highly flammable liquid and vapor.



Precautionary Statements - Prevention:

Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
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
Keep cool

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
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage:

Store in a well-ventilated place. Keep container tightly closed
Keep cool

Precautionary Statements - Disposal:

Dispose of contents/container to an approved waste disposal plant

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3. COMPOSITION

Chemical Name	CAS No	Weight-%
Isopropyl Alcohol	67-63-0	60-75

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:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician.
- Skin Contact:** Wash with soap and water. If irritation persists or an allergic reaction occurs, call a physician.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If symptoms persist, call a physician.
- Ingestion:** Drink plenty of water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician.
- Most important symptoms and effects:**
- Symptoms: Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
- Indication of any immediate medical attention and special treatment needed:**
- Notes to Physician: Chronic exposure may aggravate pre-existing skin conditions, impaired liver, kidney or pulmonary function.

5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable Extinguishing Media:**
Not determined.
- Specific Hazards Arising from the Chemical:**
Flammable material.
- Hazardous Combustion Products:**
Carbon Oxides
- Sensitivity to Mechanical Impact:**
Not sensitive
- Sensitivity to Static Discharge:**
Yes
- 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:**
- Personal Precautions: Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition.
- Methods and material for containment and cleaning up:**
- Methods for Containment: Extinguish all sources of ignition and ventilate area. Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up: Use personal protective equipment as required. Soak up with absorbent material. Pick up and transfer to properly labeled containers.

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7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on Safe Handling: Wash face, hands, and any exposed skin thoroughly after handling. Wear eye/face protection.
 Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated
 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 discharges. Keep cool. Avoid contact with skin, eyes or clothing.
 Keep out of the reach of children. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Store in a well-ventilated place. Keep cool. Keep container tightly closed. P210 - Keep away from open flames/hot surfaces.
 - No smoking. Keep out of reach of children. Keep away from animals.
 Incompatible Materials: Strong oxidizing agents. Acids. Avoid contact with Aluminum, Zinc and other reactive metals.

8. EXPOSURE CONTROLS

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol 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: Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment:

Eye/Face Protection: Wear eye/face protection.
 Skin and Body Protection: Protective gloves.
 Respiratory Protection: 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.
 General Hygiene
 Considerations: When using do not eat, drink or smoke. Remove and wash contaminated clothing before reuse.
 Provide regular cleaning of equipment, work areas and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid containing liquid Moist paper
Appearance: White solid
Color: White
Odor: Mild alcohol odor
Odor Threshold: No information available
pH: No information available
Melting Point/Freezing Point: No information available
Boiling Point/Boiling Range: No information available
Flash Point: 12 °C / 54 °F
Evaporation Rate: No information available
Flammability (Solid, Gas): Not determined
Upper Flammability Limits: No information available
Lower Flammability Limit: No information available
Vapor Pressure: No information available
Vapor Density: No information available
Specific Gravity: No information available
Water Solubility: No information available
Solubility in other solvents: No information available

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Partition Coefficient: Not determined
Auto-ignition Temperature: No information available
Decomposition
Temperature: No information available
Kinematic Viscosity: Not determined
Dynamic Viscosity: Not determined
Explosive Properties: Not determined
Oxidizing Properties: Not determined
VOC Content: No information available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous
Reactions: Hazardous polymerization does not occur.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: Incompatible Materials. Heat, flames and sparks.
Incompatible Materials: Strong oxidizing agents. Acids. Avoid contact with Aluminum, Zinc and other reactive metals.
Hazardous Decomposition
Products: Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information: May be harmful by inhalation, ingestion, or skin absorption
Eye Contact: Causes serious eye irritation.
Skin Contact: May cause mild skin irritation.
Inhalation: May cause respiratory irritation. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 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:

Serious eye damage/eye

Irritation: Causes serious eye irritation.

Carcinogenicity: Isopropyl Alcohol (IPA) is an IARC Monograph Group 3 chemical. IPA is a Group 1 when manufactured by the strong-acid process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 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

STOT - single exposure: May cause respiratory irritation. May cause drowsiness or dizziness.

Chronic Toxicity: May cause skin effects.

Numerical measures

of toxicity: Not determined

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12. ECOLOGICAL INFORMATION

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

Component Information:

Chemical Name	Algae/aquatic plants	Fish	Toxicity to micro-organisms	Crustacea
Isopropyl Alcohol 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
Isopropyl Alcohol 67-63-0	0.05

Other Adverse Effects: Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

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

California Hazardous Waste Status:

This product contains one or more substances that are listed with the State of California as a hazardous waste.

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

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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: UN1219
Proper Shipping Name: Isopropyl alcohol solution
Hazard Class: 3
Packing Group: II

IATA: Not regulated

UN/ID No: UN1219
Proper Shipping Name: Isopropyl alcohol solution
Hazard Class: 3
Packing Group: II

IMDG: Not regulated

UN/ID No: UN1219
Proper Shipping Name: Isopropyl alcohol solution
Hazard Class: 3
Packing Group: II

15. REGULATORY INFORMATION

International Inventories:

TSCA: Complies
DSL: Does not comply
NDSL: Does not comply
EINECS: Does not comply
ELINCS: Does not comply
ENCS: Does not comply
IECSC: Does not comply
KECL: Does not comply
PICCS: Does not comply
AICS: Does not comply

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 311/312 Hazard Categories:

Acute Health Hazard: Yes
Chronic Health Hazard: Yes
Fire Hazard: Yes
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

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

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Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	65-75	1.0

US State Regulations:

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X

16. OTHER INFORMATION

NFPA

Health Hazards: 1
Flammability: 3
Instability: Not determined
Special Hazards: Not determined

HMIS

Health Hazards: 1
Flammability: 3
Physical Hazards: 0
Personal Protection: B- Safety Glasses, Gloves

Revised August 31, 2015 Rev. H

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.

SAFETY DATA SHEET

1. IDENTIFICATION AND GENERAL INFORMATION

P/N#: **Allegro 70% IPA Hygienic Wipe (1001, 1001-05, 1001-10)**
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
Chemtrac: 800-424-9300

2. HAZARDS IDENTIFICATION

Appearance: White solid
Physical State: Solid containing liquid Moist paper
Odor: Mild alcohol odor

Classification:

The information below is for the liquid in industrial quantities when used in an industrial setting. The solution as packed in a consumer quantity is considered a consumer good and when used as intended is unlikely to present a hazard

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

Signal Word: Danger

Hazard Statements:

May cause respiratory irritation. May cause drowsiness or dizziness. Highly flammable liquid and vapor.



Precautionary Statements - Prevention:

Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
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
Keep cool

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
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IN CASE OF FIRE: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage:

Store in a well-ventilated place. Keep container tightly closed
Keep cool

Precautionary Statements - Disposal:

Dispose of contents/container to an approved waste disposal plant

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3. COMPOSITION

Chemical Name	CAS No	Weight-%
Isopropyl Alcohol	67-63-0	60-75

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:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician.
- Skin Contact:** Wash with soap and water. If irritation persists or an allergic reaction occurs, call a physician.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If symptoms persist, call a physician.
- Ingestion:** Drink plenty of water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician.
- Most important symptoms and effects:**
- Symptoms: Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
- Indication of any immediate medical attention and special treatment needed:**
- Notes to Physician: Chronic exposure may aggravate pre-existing skin conditions, impaired liver, kidney or pulmonary function.

5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable Extinguishing Media:**
Not determined.
- Specific Hazards Arising from the Chemical:**
Flammable material.
- Hazardous Combustion Products:**
Carbon Oxides
- Sensitivity to Mechanical Impact:**
Not sensitive
- Sensitivity to Static Discharge:**
Yes
- 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:**
- Personal Precautions: Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition.
- Methods and material for containment and cleaning up:**
- Methods for Containment: Extinguish all sources of ignition and ventilate area. Prevent further leakage or spillage if safe to do so.
- Methods for Clean-Up: Use personal protective equipment as required. Soak up with absorbent material. Pick up and transfer to properly labeled containers.

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7. HANDLING AND STORAGE

Precautions for safe handling:

Advice on Safe Handling: Wash face, hands, and any exposed skin thoroughly after handling. Wear eye/face protection.
 Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated
 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 discharges. Keep cool. Avoid contact with skin, eyes or clothing.
 Keep out of the reach of children. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities:

Storage Conditions: Store in a well-ventilated place. Keep cool. Keep container tightly closed. P210 - Keep away from open flames/hot surfaces.
 - No smoking. Keep out of reach of children. Keep away from animals.
 Incompatible Materials: Strong oxidizing agents. Acids. Avoid contact with Aluminum, Zinc and other reactive metals.

8. EXPOSURE CONTROLS

Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol 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: Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment:

Eye/Face Protection: Wear eye/face protection.
 Skin and Body Protection: Protective gloves.
 Respiratory Protection: 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.
 General Hygiene
 Considerations: When using do not eat, drink or smoke. Remove and wash contaminated clothing before reuse.
 Provide regular cleaning of equipment, work areas and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid containing liquid Moist paper
Appearance: White solid
Color: White
Odor: Mild alcohol odor
Odor Threshold: No information available
pH: No information available
Melting Point/Freezing Point: No information available
Boiling Point/Boiling Range: No information available
Flash Point: 12 °C / 54 °F
Evaporation Rate: No information available
Flammability (Solid, Gas): Not determined
Upper Flammability Limits: No information available
Lower Flammability Limit: No information available
Vapor Pressure: No information available
Vapor Density: No information available
Specific Gravity: No information available
Water Solubility: No information available
Solubility in other solvents: No information available

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Partition Coefficient: Not determined
Auto-ignition Temperature: No information available
Decomposition
Temperature: No information available
Kinematic Viscosity: Not determined
Dynamic Viscosity: Not determined
Explosive Properties: Not determined
Oxidizing Properties: Not determined
VOC Content: No information available

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous
Reactions: Hazardous polymerization does not occur.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to Avoid: Incompatible Materials. Heat, flames and sparks.
Incompatible Materials: Strong oxidizing agents. Acids. Avoid contact with Aluminum, Zinc and other reactive metals.
Hazardous Decomposition
Products: Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information: May be harmful by inhalation, ingestion, or skin absorption
Eye Contact: Causes serious eye irritation.
Skin Contact: May cause mild skin irritation.
Inhalation: May cause respiratory irritation. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 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:

Serious eye damage/eye

Irritation: Causes serious eye irritation.

Carcinogenicity: Isopropyl Alcohol (IPA) is an IARC Monograph Group 3 chemical. IPA is a Group 1 when manufactured by the strong-acid process.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 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

STOT - single exposure: May cause respiratory irritation. May cause drowsiness or dizziness.

Chronic Toxicity: May cause skin effects.

Numerical measures

of toxicity: Not determined

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12. ECOLOGICAL INFORMATION

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

Component Information:

Chemical Name	Algae/aquatic plants	Fish	Toxicity to micro-organisms	Crustacea
Isopropyl Alcohol 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
Isopropyl Alcohol 67-63-0	0.05

Other Adverse Effects: Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

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

California Hazardous Waste Status:

This product contains one or more substances that are listed with the State of California as a hazardous waste.

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

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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: UN1219
Proper Shipping Name: Isopropyl alcohol solution
Hazard Class: 3
Packing Group: II

IATA: Not regulated

UN/ID No: UN1219
Proper Shipping Name: Isopropyl alcohol solution
Hazard Class: 3
Packing Group: II

IMDG: Not regulated

UN/ID No: UN1219
Proper Shipping Name: Isopropyl alcohol solution
Hazard Class: 3
Packing Group: II

15. REGULATORY INFORMATION

International Inventories:

TSCA: Complies
DSL: Does not comply
NDSL: Does not comply
EINECS: Does not comply
ELINCS: Does not comply
ENCS: Does not comply
IECSC: Does not comply
KECL: Does not comply
PICCS: Does not comply
AICS: Does not comply

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 311/312 Hazard Categories:

Acute Health Hazard: Yes
Chronic Health Hazard: Yes
Fire Hazard: Yes
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

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

SAFETY DATA SHEET

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	65-75	1.0

US State Regulations:

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X

16. OTHER INFORMATION

NFPA

Health Hazards: 1
Flammability: 3
Instability: Not determined
Special Hazards: Not determined

HMIS

Health Hazards: 1
Flammability: 3
Physical Hazards: 0
Personal Protection: B- Safety Glasses, Gloves

Revised August 31, 2015 Rev. H

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