

## Section 1

## Product Description

Product Name: Alpet 70/30  
 Recommended Uses: Multipurpose Cleaner  
 Synonyms: Isopropyl Alcohol 70/30  
 Distributor: Best Sanitizers, Inc.  
 PO Box 1360 Penn Valley, CA 95946

Chemical Information Emergency:  
 Chemtrec 1.800.424.9300

## Section 2

## Hazard Identification

OSHA Regulatory Status--This chemical is considered hazardous by the 2012 OSHA Hazard Communication, 29 CFR §1910.1200.

Flammable liquids Category 2  
 Eye Irritation Category 2A  
 Specific target organ toxicity--Single Exposure Category 3

### Danger



### Hazard Statements

Causes serious eye irritation.  
 Highly Flammable liquid and vapor.  
 May cause drowsiness and dizziness.

**Appearance**—Aqueous solution

**Physical State**—Liquid

**Odor**— Alcohol Odor

### Precautionary Statements—Prevention

Keep away from heat/sparks/open flames/hot surfaces----No Smoking.  
 Wash hands thoroughly after handling.  
 Avoid breathing vapors.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Use only outdoors or in well ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.

### 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 (hair) 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 CO<sub>2</sub>, dry chemical, or foam for extinction.

### Precautionary Statements—Storage

Store in a well-ventilated place. Keep Cool.

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## Precautionary Statements—Disposal

Dispose of contents/container to an approved waste disposal plant.

## Hazards not otherwise classified (HNOC)

Not Applicable

## Other Information

Unknown Acute Toxicity

## Section 3

## Composition/Information on Ingredients

Chemical Name	CAS No.	Weight-%
Isopropyl Alcohol	67-63-0	68-72
Water	7732-18-5	28-32

## Section 4

## First Aid Measures

### First Aid Measures

#### Eye Contact

Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye(s). If eye irritation persists: Get medical advice/attention.

#### Skin Contact

For accidental exposure to large quantities, wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Get medical attention if irritation develops.

#### Inhalation

Remove to fresh air. If signs/symptoms continue, get medical attention.

#### Ingestion

Do NOT induce vomiting. Ingestion of large amounts can cause drowsiness, unconsciousness or headaches. Drink plenty of water. Never give anything by mouth to an unconscious person. Call physician.

### Most important symptoms and effects, both acute and delayed

#### Symptoms

See Section 11 for symptom information.

### Indication of any immediate medical attention and special treatment needed

#### Note to physicians

Treat symptomatically.

## Section 5

## Fire-Fighting Measures

### Suitable Extinguishing Media

Dry Chemical, Water spray (fog), Carbon dioxide (CO<sub>2</sub>), Foam.

### Unsuitable Extinguishing Media

No Information available.

### Specific hazards arising from the chemical

Flammable. May explode when heated. Vapors may travel to source of ignition and flash back.

#### Hazardous combustion products

Carbon Monoxide. Carbon Dioxide (CO<sub>2</sub>).

#### Explosion Data

Sensitivity to Mechanical Impact

None

Sensitivity to Static Discharge

May be ignited by friction, heat, sparks or flames.

### 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

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gear. Cool containers with flooding quantities of water until well after fire is out.

## Section 6

### Accidental Release Measures

#### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.

**For emergency responders** Isolate area. Keep unnecessary personnel away.

#### Environment Precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. 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. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (See Section 13).

**Methods for cleaning up** Use clean non-sparking tools to collect absorbed material. May be ignited by friction, heat, sparks or flames. Collect spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Following product recovery, flush area with water.

## Section 7

### Handling and Storage

#### Precautions for Safe Handling

**Advice on Safe Handling** Keep away from heat sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas. Avoid breathing vapors or mists. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep Containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store between 40 to 100°F.

**Incompatible materials** Heat, sparks, open flame, other ignition sources. Reacts violently with strong oxidants such as nitric acid and silver nitrate causing fire and explosion hazard. Reacts slowly with calcium hypochlorite and ammonia causing fire and explosion hazard.

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## Section 8

## Protection Information

### 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/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 ppm (vacated)STEL: 500 ppm (vacated)STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

### Appropriate Engineering Controls

Engineering Controls                      Showers, eyewash stations, ventilation system.

### Individual Protection Measures, such as personal protective equipment

Eye/Face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear protective Neoprene™ gloves. Rubber gloves. Normal work clothing (long sleeved shirt and long pants is recommended).
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	Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not Eat, Drink or Smoke when using this product.

## Section 9

## Physical and Chemical Properties

### Information on basic physical and chemical properties

Formula:	See Section 3	Physical State:	Liquid
Odor:	Alcohol Smell	Appearance:	Aqueous solution
Odor Threshold:	No Information Available	Color:	Clear

<u>Property</u>	<u>Values</u>
pH	No Information available
Melting Point/Freezing Point	No Information available
Boiling Point/ Boiling Range	180°F
Flash Point	18 °C / 64°F
Evaporation rate	No information available
Flammability (solid, gas)	Flammable

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Flammability Limit in Air	
Upper flammability limit:	12%
Lower flammability limit:	2%
Vapor pressure:	30mm Hg @ 20 °C
Vapor density:	No information available
Specific Gravity	0.87
Water solubility	Miscible
Partition coefficient	No information available
Autoignition temperature	425 °C (797 °F)
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

## Section 10

## Stability and Reactivity Data

<b>Reactivity</b>	No data available.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	Vapors may form explosive mixture with air.
<b>Conditions to avoid</b>	Heat, flames and sparks, extreme temperature conditions
<b>Incompatible materials</b>	Strong oxidizing agents, strong acids, heat, sparks, open flame, other ignition sources.
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen.

## Section 11

## Toxicity Data

### Information on likely routes of exposure

#### Product Information

Inhalation	Inhalation of vapors in high concentration may cause drowsiness, or dizziness.
Eye Contact	Irritating to eyes.
Skin Contact	No irritant under normal use.
Ingestion	May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water, 7732-18-5	> 90 mL/kg (Rat)	-	-
Isopropyl alcohol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rabbit)	= 16000 ppm (Rat) 8 h

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## Information on toxicological effects

Symptoms No Information Available

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

Sensitization No Information Available

Germ cell mutagenicity No Information Available

Carcinogenicity IARC: Group 3 (Not classifiable as to its carcinogenicity to humans).

Reproductive toxicity No Information Available

STOT single exposure No Information Available

STOT repeated exposure No Information Available

Aspiration hazard No Information Available

## Section 12

## Ecological Data

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Isopropyl alcohol 67-63-0	1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static 1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50	13299: 48 h <i>Daphnia magna</i> mg/L EC50

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## Persistence and degradability

No Information Available.

## Bioaccumulation

Chemical Name	Partition Coefficient
Isopropyl alcohol	0.05

## Mobility

No information available.

## Other adverse effects

No information available

## Section 13

## Disposal Information

### Waste treatment methods

Disposal of wastes

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

Contaminated packaging

Dispose of in accordance with federal, state and local regulations.

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

## Section 14

## Transport Information

### DOT

UN/ID No. 1219  
Proper shipping name Isopropanol Flammable liquids  
Hazard Class 3  
Packing Group II

Limited Quantities for packages under 1 Liter

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## Section 15

## Regulatory Information

### International Inventories

<b>TSCA</b>	<b>Complies</b>
<b>DSL/NDSL</b>	<b>Complies</b>
<b>EINECS/ELINCS</b>	<b>Complies</b>

### 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

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Note: Isopropyl alcohol only needs to be reported if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are NOT covered and should NOT file a report.

#### 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

#### CWA (Clean Water Act)

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

#### CERCLA

This material, as supplied, does not contain any substance regulated as a hazardous substance under the Comprehensive Environment Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local regional or state level pertaining to releases of this material.

#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

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

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
Isopropyl alcohol 67-63-0	X	X	X

#### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not Applicable



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## Section 16

## Additional Information

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Physical and Chemical Properties</b>
	1	3	0	None
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal protection</b>
	2	3	0	B (safety glasses, gloves)

**Prepared by:** Technical Department  
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### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

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