

Section 1: Identification

Product Name:**PRONAIL ANTI-FUNGAL LIQUID****Product Category:** OTC antifungal drug product.**Manufacture Identification:**

Chemco Corporation
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Miami, FL 33014, United States of America

Telephone Number: 1-305-623-4445
International Number: 1-352-323-3500
Emergency Telephone Number: 1-800-535-5053

Section 2: Hazard Identification

Skin Irritant Category 2
Eye Irritant/Damage Category 2
Flammable liquids Category 2
Specific Target Organ Toxicity, Single exposure
Category 3 (Central nervous system)

**Danger****GHS Precaution Phrases:**

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H225: Highly flammable liquid and vapor.
H336: May cause drowsiness or dizziness.
H335: May cause respiratory irritation.

GHS Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264: Wash skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/ eye protection/ face protection.

GHS Response Phrases:

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313: If eye irritation persists: Get medical advice/ attention.
P370 + P378: In case of fire: Use dry sand, dry chemical, or alcohol-

resistant foam to extinguish.

P312: Call a poison center or doctor/physician if you feel unwell.

GHS Storage and Disposal

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

Phrases:

P501: Dispose of contents/container to ... [*... in accordance with local/regional/national/international regulation (to be specified)*]

Other hazards which do not result in classification:

This is an Over-The-Counter drug designed to be used only as directed on the label.

For external use only.

Stop use and consult a doctor if condition worsens or does not improve with regular use of this product as directed.

Keep out of reach of children.

Section 3: Composition/Information on Ingredients

| INCI Name | Synonyms | CAS NUMBER | Conc. (%) |
|--|----------|------------|-----------|
| Isopropyl Alcohol | - | 67-63-0 | 30-70 |
| Undecylenic Acid | - | 112-38-9 | 25 |
| Aqua | - | 7732-18-5 | 3-10 |
| DMDM Hydantoin | - | 6440-58-0 | 0.1-0.3 |
| Tocopheryl Acetate | - | 7695-91-2 | 0.1-0.3 |
| Melaleuca Alternifolia (Tea Tree) Leaf Oil | - | 85085-48-9 | 0.1-0.3 |

Note: Some Specific chemical Identities and/or exact percentage (Concentrations) have been withheld as a trade secret.

Section 4: First-Aid Measures

Emergency and First Aid Procedures

1 - Skin: Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, you should contact a physician.

2 - Eyes: Immediately flush with clean, lukewarm water (low pressure) occasionally lifting eyelids. Seek medical attention if irritation develops.

3 - Inhalation: If respiratory irritation occurs, remove individual to fresh air.

4 - Ingestion: Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion dilute with fluids (water). Do not induce vomiting.

Section 5: Fire-Fighting Measures

Extinguishing Media:

Suitable extinguishing media: Carbon dioxide, dry chemical, alcohol-resistant foam.

Unsuitable extinguishing media: High volume water jet. Do not use direct water streams.

Specific hazards arising from the chemical:

Hazardous thermal decomposition products: Decomposition products may include the following

materials: carbon dioxide, carbon monoxide, Nitrogen oxides (NOx), corrosive vapors.

Unusual Fire Fighting Procedures: May produce floating fire hazard. Fight fire from max distance. Alcohol burns with pale blue flame which is hard to see.

Special protective actions for firefighters: Promptly isolate the scene by removing all people from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Do not use a solid water stream as it may scatter and spread fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from the fire area if it is safe to do so. Evacuate area.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode, if large quantities of product are involved.

NFPA Flammable and combustible liquids classification:

Flammable liquid class IB

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Do not inhale vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions:

Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Prevent product from entering drains.

Methods for cleaning up: Eliminate all sources of ignition. A vapor suppressing foam may be used to reduce vapors. Do not touch or walk through spilled material. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Use clean non-sparking tools.

Section 7: Handling and Storage

Do not get on skin or in eyes. Do not inhale vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Open and handle container with care. Metal containers involved in the transfer of this material should be grounded and bonded. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.

Storage:

Keep container tightly closed in a cool, dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Consult local fire codes for additional storage information.

Other Precautions: Avoid bacterial contamination. Keep containers tightly closed when not in use.

Section 8: Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits

| Chemical Name | OSHA PEL | ACGIH TLV (TWA) |
|-----------------------------|-----------------------|-----------------------|
| Isopropyl Alcohol (67-63-0) | 400 ppm/ (ST) 500 ppm | 200 ppm /(ST) 400 ppm |

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equaled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Respiratory Protection: Avoid inhaling fumes.

Skin Protection: Resistant Plastic or rubber gloves.

Eye Protection: Safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance: Liquid.

Upper/lower flammability: N/A

Odor: Undecylenic.

Color: Clear Colorless.

Vapor pressure: N/A

Odor threshold: N/A

Vapor density: N/A

pH: N/A

Density (g/cm³): 0.830 to 0.838

Specific Gravity: 0.830 to 0.838

Melting point/freezing point: N/A

Solubility: Completely Miscible in Water

Initial boiling point and boiling range: N/A

Flash point: <23 °C

Evaporation rate: N/A

Flammability: N/A

Partition coefficient (n-octanol/water): N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity (cPs): N/A

Note: Some of data above is not shown either because it is not relevant and/or readily available.

Section 10: Stability and Reactivity

Stability: Stable

Conditions to avoid: Direct Heat, flames, sparks

Incompatibility (Materials to avoid): Aldehydes, Chlorine, Ethylene Oxide, Halogens, Isocyanates, Strong Acids and Strong oxidizing agents

Hazardous Polymerization: Does not occur

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and unburned hydrocarbons.



Section 11: Toxicological Information

NO INFORMATION

Section 12: Ecological Information

No ecological hazards have been tested to be associated with this product.

Section 13: Disposal Considerations

Do not contaminate food or feed by storage or disposal. Do not reuse empty container. Wrap empty container and throw in trash collection. Dispose of according to federal, state, and local regulations regarding health, air, and water pollution.

Section 14: Transport Information

IATA/IMDG/DOT

| | |
|----------------------|--------------------------|
| UN/ID/NA number | : UN 1219 |
| Proper shipping name | : Isopropanol (Solution) |
| Packing Group | : II |
| Labels | : 3 |

Section 15: Regulatory Information

No Information.

Section 16: Other Information

CHEMCO CORP. believes that the information contained in this M.S.D.S is correct as of this date. However, because the material may be used under conditions which CHEMCO CORP. has no control of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this material to ensure that is properly and safely used.

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