







SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2352	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	PINE KLEEN	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Pine-Scented Disinfectant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin irritation: Category 2 Eye Damage: Category 1 Aspiration Hazard: Category 1 Skin Sensitization: Category 1 Specific Target Organ Toxicity (repeated exposure): Category 2 Specific Target Organ Toxicity (single exposure): Category 3 Flammable Liquids: Category 3	SIGNAL WORD: DANGER	SYMBOL:				
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HAZARD STATEMENTS:

Keep out of reach of children.
Read label and SDS before use.
May be fatal if swallowed and enters airways.
Causes serious eye damage and skin irritation.
May cause damage to kidneys and liver through prolonged or repeated exposure if swallowed.
May cause an allergic skin reaction.
Flammable liquid and vapor.
May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

Prevention:

Wash hands thoroughly after handling.
Wear protective gloves and clothing.
Wear eye and face protection.
Do not breathe fumes/mist/spray/vapors.
Use only in a well-ventilated area.
Keep away from sparks, flames, and hot surfaces. No smoking.
Use explosion-proof ventilating.
Use only non-sparking tools. Take precautionary measures against static discharge.
Keep container tightly closed. Keep cool.
Contaminated work clothing must not be allowed out of the workplace.

Response:

IF SWALLOWED: Immediately call a poison center. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower. If skin irritation or rash occurs: get medical attention.
Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a poison center or a physician.

Storage: Store locked up in a well-ventilated place.

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Isopropanol	67-63-0	>=7 <= 12
Ortho-benzyl-para- chlorophenol	120-32-1	>=3 <= 4
Pine oil	8002-09-3	>=10 <= 15
Sodium hydroxide	1310-73-2	<= 1

4. First Aid Measures

EMERGENCY OVERVIEW

DANGER: Combustible liquid. May be harmful or fatal if swallowed. Aspiration hazard if swallowed. Causes skin irritation and eye damage. May cause respiratory irritation.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists, get medical attention.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION:

Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Containers may build pressure and rupture.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area, if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Avoid breathing fumes. Keep out of reach of children.

8. Exposure Controls / Personal Protection

ISOPROPANOL

ACGIH TLV 400 ppm

OSHA PEL 400 ppm

SODIUM HYDROXIDE

ACGIH TLV 2 mg/m³

OSHA PEL 2 mg/m³

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: Wear impervious gloves (made from rubber, nitrile, or neoprene), clothing, and boots.

RESPIRATOR PROTECTION: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear liquid.	Explosive Limit Ranges:	Not available.
Physical State:	Liquid.	Explosive Properties:	Not available.
Color:	Yellow/brown.	VOC Content (Wt. %):	24
Odor:	Pine.	Oxidizing Properties:	Not available.
Odor Threshold:	Not available.	Vapor Density:	Not available.
pH:	11-12	Vapor Pressure:	Not available.
Melting/Freezing Point:	Not available.	Relative Density:	1.0
Boiling Point:	Not available.	Solubility (water):	Complete.
Viscosity:	Not available.	Auto-Ignition Temperature:	Not available.
Flash Point:	132°F	Decomposition Temperature:	Not available.
Evaporation Rate:	Not available.	Partition Coeff:	Not available.

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids and strong oxidizers.

CONDITIONS TO AVOID:

High temperatures.

DECOMPOSITION PRODUCTS:

CO, CO₂.

*Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin contact, eye contact, and inhalation.

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible sensitization.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

CHRONIC/LONG TERM EFFECTS:

None known.

TARGET ORGAN EFFECTS:

Lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

No data.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP, or OSHA.

ACUTE TOXICITY VALUES:

Isopropanol: Inhalation: > 10,000 mg/l Exposure time: 6 h, Species: rat

12. Ecological Information

Not available.

13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

NOT REGULATED FOR NON-BULK GROUND DOMESTIC SHIPMENTS

15. Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure () Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): D001

16. Other Information

HMIS	Health Hazards: 2	Flammability: 2	Physical hazards: 0	Personal protection: B
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DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.