

ROJAN STRONG PINE CLEANER & DISINFECTANT



Rojan Strong Pine Cleaner & Disinfectant is a virtual one-product restroom cleaning system, for use on floors, sinks, walls, partitions, toilets and urinals, etc. The fresh and clean fragrance of *Rojan Strong Pine Cleaner & Disinfectant* leaves a pleasant lasting pine scent in restrooms where bacterial growth causes malodors. *Rojan Strong Pine Cleaner & Disinfectant* is a multi-purpose cleaner, disinfectant and deodorizer.

Multi-purpose:

- Restroom cleaner
- Shower/bath disinfectant
- Carpet sanitizer
- Hard surface cleaning
- Non-acid bowl cleaner
- Exercise areas, dressing rooms, locker rooms, etc.
- Hospitals, veterinary clinics & nursing homes
- Industrial areas
- For mildew control
- Deodorizing garbage cans, garbage trucks, industrial waste receptacles and handling equipment

Rojan Strong Pine Cleaner & Disinfectant disinfects against a variety of bacteria, viruses, fungi, mold and mildew. It is great for deodorizing surfaces such as counter tops, under sinks, toilet areas, garbage cans and garbage storage areas.

DIRECTIONS FOR USE

To clean and deodorize or to pre-clean prior to disinfection, use 2 - 8oz of disinfectant per gallon of water depending on soil level.

General cleaning: Dilute 2oz of *Rojan Strong Pine Cleaner & Disinfectant* per gallon of water. For use in kitchens, bathrooms, toilets and other areas. Apply with a sponge or mop to desired surface.

Hospitals, veterinary clinics, nursing homes: Use 10oz of disinfectant per gallon of water for pre-cleaned areas.

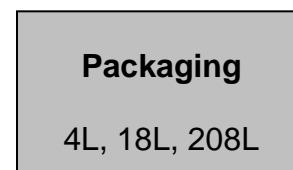
Industrial areas: Use a solution of 2oz of disinfectant in a gallon of water for pre-cleaned areas.

Garbage cans, garbage trucks: Apply a wetting concentration of 8oz of *Rojan Strong Pine Cleaner & Disinfectant* per gallon of water.

Mildew Control: Follow directions for hospital disinfection. Repeat treatment every seven days, or when new growth appears.

SPECIFICATIONS

pH.....	7.0 – 8.0
Clarity.....	Transparent liquid
Odour.....	Strong Pine oil odour
Biodegradability.....	Complete
Solubility in water.....	Complete
Storage Stability.....	Excellent, up to one year



SAFETY DATA SHEET

SECTION I – PRODUCT NAME AND MANUFACTURER

Trade Name: ROJAN CONCENTRATED STRONG PINE CLEANER & DISINFECTANT

Recommended use: Hard surface disinfectant, antimicrobial agent, deodorizer.

Manufacturer Name and Address:

Langston Roach Industries Limited
 106 Saddle Road, San Juan, Trinidad, W.I.
 Tel: 1-868-674-0216 Fax: 1-868-675-3654

Distributed by:

Rojan Marketing Limited
 19A El Socorro Rd, Extension #1, San Juan, Trinidad, W.I.
 Tel: 1-868-612-4756 Fax: 1-868-638-6294

SECTION II – DESCRIPTION OF HAZARDS

General: Mild skin irritant and eye irritant
Eyes: Causes eye irritation
Inhalation: Overexposure to vapours may be harmful.
Skin: Prolonged contact may cause irritation.



SECTION III – COMPOSITION

Ingredient	CAS#	Parts (%) *
Water	7732-18-5	80-100
t-Octylphenoxypolyethoxyethanol	9002-93-1	3-7
Quaternary ammonium compounds; benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	1-5
Pine Oil	8002-09-3	1-5
Fragrance		0.1-0.5

*Exact composition withheld as a Trade Secret.

SECTION IV – FIRST AID MEASURES

General: Wash area with water.
Inhalation: Remove to fresh air.
Ingestion: Do not induce vomiting. Give victim 3-4 glasses of milk. Get medical attention immediately.
Skin: Rinse away with water.
Eyes: Immediately flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

SECTION V – FIRE-FIGHTING MEASURES

Flammability: No **Extinguisher:** Not applicable
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid release of large amounts of undiluted product into aquatic systems and surface soil.
Spill procedures: Stop leak if it is safe to do so. Mop up spilled liquid with absorbent material. Rinse with water.

SECTION VII – HANDLING AND STORAGE

Rules defining care as to use: Avoid contact with skin, eyes and clothing. Wash hands thoroughly after use.
Rules defining care as to storage: Do not store above 55°C Keep containers closed when not in use and upright to prevent leakage. Keep out of reach of children.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Preventive measures protective equipment, etc.: The use of gloves is recommended.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid	pH:	7.0 – 8.0
Solubility:	Soluble in water	Odour:	Strong pine odour

SECTION X – STABILITY AND REACTIVITY

Stable liquid. Do not mix with other cleaning agents. Avoid elevated temperatures.

SECTION XI – TOXICOLOGICAL INFORMATION

Medical personnel: ROJAN STRONG PINE DISINFECTANT contains the ingredients listed in (Section III).

Routes of Exposure:

Eyes:	Eye irritant. May cause redness, watering.
Skin:	Prolonged exposure may cause irritation.
Ingestion:	Ingestion of large quantities may result in mild purgative effects.
Inhalation:	Avoid breathing sprays or mists generated.

SECTION XII – ECOLOGICAL INFORMATION

Biodegradability:	Readily biodegradable (based on component data).
Aquatic toxicity (Product):	No data available
Aquatic toxicity (Components):	<i>t</i> -Octylphenoxy polyethoxyethanol: LC50 Test 1-10mg/L (96h, Fish) Quaternary ammonium compounds; benzyl-C12-16-alkyldimethyl, chlorides: LC50 Test 0.28mg/L (96h, Fish) Pine Oil: LC 50 Test 18mg/L (96h, Fish)

SECTION XIII – DISPOSAL CONSIDERATION

Disposal Method: Diluted material may be washed into drains and sewers. Empty containers may be rinsed and disposed of in the trash. Must be disposed of in accordance with Federal, state and local environmental control regulations.

SECTION XIV – TRANSPORTATION INFORMATION

General:	4 L to 208 L plastic containers.
Transport and danger class:	Harmless goods, not subject to restriction.

SECTION XV – REGULATORY INFORMATION

Labeling of packages: The product is labeled in accordance with TTBS Standard **TTS 76: Part 15: 2005**

SECTION XVI – OTHER INFORMATION

Updated 17/05/21