

MATERIAL SAFETY DATA SHEET

Section I – Product & Company Identification

Product Name: **DRO PINE OIL CLEANER**
Effective Date: 08/26/09
Company Information: Specialty Products of America
516 Monceaux Rd
West Palm Beach FL 33405

Company Phone: 561-209-1800

Emergency Phone: **Info Trac 1-800-535-5053**

Section II – Hazardous Ingredients

Component	CAS #	TLV (ppm)	% (in prod.)
Pine Oil	8002-09-3	400	3-5
2-propanol	67-63-0	200	2

Section III – Health Hazard

Acute Effects of Overexposure:

Skin: Contact may cause irritation, redness, and defatting to certain individuals on repeated contact

Eyes: Hazardous in case of eye contact. Corrosive upon contact. Can cause irreversible damage

Inhale: Overexposure may cause respiratory irritation.

Ingest: Harmful if swallowed. May cause irritation to mouth throat and esophagus.

Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure: Repeated or prolonged exposure may produce defatting of the skin

HMS Codes: Health 2; Flam. 0; React. 0; Pers. Protection B

Carcinogenic effects: None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA

Section IV – First Aid Measures

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent. Get medical attention if irritation develops.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhale: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Ingest: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person.

Section V – Fire And Explosion Data

Flash Point (F) None

Flammable Limits: LEL: NA UEL NA

Fire Fighting Procedure: use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: NA

Section VI – Accidental Release Measures

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

Section VII – Handling And Storage Procedures

Handling: Avoid contact with eyes, skin and clothing. Keep container closed. Wash thoroughly after handling.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

Section VIII – Exposure Controls, Personal Protection

Eye Protection: Tight fitting safety goggles are recommended if splashing may occur.

Protective Clothing: Waterproof protective gloves

Respiratory: Use with adequate ventilation.

Section IX – Physical And Chemical Data

Boiling Point (F)	214
Specific Gravity:	1.0-1.03
Ph:	6.5-7.5
VOC content (%)	6
Evaporation Rate (Bu acetate=1)	NA
Vap. Pressure (mm Hg)	NA
Vap. Density	NA
Solubility in Water:	soluble
Appearance and Odor:	amber liquid with pine fragrance

Section X – Reactivity Data

Stability: Stable

Incompatibility: strong oxidizing agents,

Polymerization: Will not occur

Hazardous Decomposition: carbon monoxide, carbon dioxide and other organic materials.

Section XI – Toxicological Information

Toxicity to animals

Pine oil

Oral (LD50) acute: 4300 mg/kg Rat

Dermal (LD50) acute: 3000 mg/kg Rabbit

2-propanol

Oral (LD50) acute: 5045 mg/kg Rat

Section XII – Ecological Information

Ecological Information - not available

Biodegradable/OECD – not available

Section XIII – Disposal Considerations

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

Classification: non-hazardous waste

Section XIV – Transport Information

Proper shipping name NA

DOT classification not a DOT controlled material

UN number NA

Section XV – Regulatory Information

SARA 313 toxic chemical notification and release reporting - No products found

Clean Water Act (CWA) regulated substance – no product found

Clean Air Act (CAA) 112 regulated toxic substances - no product found

Section XV – Other Information

To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever 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 hazards that exist.