

MSDS - Material Safety Data Sheet**Product Name: F-317 Pine Oil Cleaner/Deodorizer****MSDS No.: F-317****I. Basic Information:****Manufacturer:** Inchemco, Division of JEM Sales Inc.**Address:** 430 Lavender Drive NW**City, ST Zip:** Rome, GA 30165**Emergency Contact:** Chemtrec**Emergency Telephone Number:** 800-424-9300**Contact:** David Boylan**Information Telephone Number:** 706-232-1709 x13**Last Update:** 03/26/2006**Expiration Date:****Chemical State:** Liquid Gas Solid**Chemical Type:** Pure Mixture

1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
27176870	Dodecylbenzenesulfonic acid	1-2							N/L	N/L	N/L
111762	Ethylene glycol monobutyl ether	1-2									
8002093	Pine oil	3-4									
7320345	Tetrapotassium Pyrophosphate	1-2			X	X			5 mg/m3	15 mg/m3	

III. Hazardous Identification:**Hazard Category:**
 Acute
 Chronic
 Fire
 Pressure
 Reactive
Hazardous Identification Information:

Acute: Eye, Skin, Ingestion.

IV. First Aid Measures:**Route(s) of Entry:**

Eyes, Skin, Ingestion.

Health Hazards (Acute and Chronic):

Acute Eye: may cause irritation.
 Acute Skin: May cause irritation or drying of skin.
 Acute Ingestion: irritation, possible nausea.

Signs and Symptoms:

Eyes: irritation, redness, tearing.
 Skin: Redness or dryness.
 Ingestion: stomach sickness, throat irritation.

Medical Conditions Generally Aggravated by Exposure:

Persons with Dermatitis may experience irritation if exposed without skin protection.

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Emergency and First Aid Procedures:

Eyes: Remove contact lenses, flush with water for at least 15 minutes, seek medical attention.

Skin: Rinse thoroughly with water until soapy feeling disappears.

Ingestion: Seek medical attention immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water.

Do not leave victim unattended. Never give anything by mouth to an unconscious person.

Other Health Warnings:

Note to physician: All treatments should be based on observed signs and symptoms of distress. Consideration should be given to the possibility that overexposure to materials other than this product or some combination of products may have occurred.

V. Fire Fighting Measures:

Flash Point: None

Lower Explosive Limit: None

Upper Explosive Limit: None

F.P. Method:

Fire Extinguishing Media: Use extinguishing apparatus suitable for materials surrounding fire.

Special Fire Fighting Procedures:

None.

Unusual Fire and Explosion:

None.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Small spill: Wipe up mop or wet vac small spills.

Large spill: Absorb with water soluble media pads and/or booms. Mop, squeegee, or wet vacuum and containerize for proper disposal.

Do not allow spills to reach stormwater runoff areas.

VII. Handling and Storage:

Precautions to be Taken:

Temperature Min/Max: protect from freezing.

Handling: Do not get material into eyes, wear protective gloves when handling product.

Storage: Store in a cool, dry, ventilated area.

Other Precautions:

Avoid direct contact with other chemicals.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local exhaust.

Personal Protective Equipment:

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Eyes: Safety glasses.

Skin: latex gloves.

Respiratory: N/A

Rinse hands thoroughly after use. Launder clothing if contaminated.

IX. Physical and Chemical Properties:

Boiling Point: 212 F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): Slow

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): N/A

Solubility In Water: Complete

Appearance and Odor:

Other Information: ph of 1% solution: 10.0.

X. Stability and Reactivity:

Stability:

Stable under normal handling and storage conditions.

Incompatibility (Materials to Avoid):

Strong acids.

Decomposition/By Products:

None.

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Acute Eye: Very irritating.

Acute Skin: Mildly irritating.

Acute Dermal Toxicity: No test data for product.

Acute Respiratory Irritation: No test data for product.

Acute Inhalation Toxicity: No test data for product.

Acute Oral Toxicity: No test data for product.

Chronic Toxicity: N/A

XII. Ecological Information:

Ecotoxicological: No data for this product.

Chemical Fate: No data for this product.

XIII. Disposal Considerations:

Follow state and local guidelines for disposal as they may differ from Federal laws and regulations.

If uncontaminated by other products this product may be disposed of as non-hazardous in the appropriate wastewater treatment facility.

Containers: Boxes may be recycled as corrugated, Bottles may be recycled as HDPE when completely rinsed.

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XIV. Transport Information:

Not Regulated by DOT

XV. Regulatory Information:

TSCA: N/A

CERCLA: N/A

SARA Title III Section 302 (Extremely Hazardous Substances): N/A

SARA Title III Section 313 (Toxic Chemicals): N/A

XVI. Other Information:

In case of emergency, call CHEMTREC 800-424-9300

Distributed by:

JEM Sales Inc., Inchemco Division

430 Lavender Drive

Rome, GA 30165

706-232-1709

CAGE 0AZD7

Key:

N/A - Not Applicable

ACGIH - American Conference of Governmental Industrial Hygienists.

OSHA - Occupational Safety and Health Administration.

TLV - Threshold Limit Value.

PEL - Permissible Exposure Limit.

TWA - Time Weighted Average.

STEL - Short Term Exposure Limit.

NTP - National Toxicology Program.

IARC - International Agency for Research on Cancer.

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