



# ACTIVATED PINE DISINFECTANT II

Cleans, Deodorizes & Disinfects

## DESCRIPTION

A combination heavy duty cleaner, disinfectant and deodorizer. Forms a white, deep cleaning emulsion when mixed with water. Disinfects against intestinal bacteria.

Deodorizes and leaves a pleasant odor of pine oil to keep foul odor areas fresh and sanitary.

## BENEFITS

**GERMICIDAL:** Effective against specific gram negative household germs such as those causing Salmonellosis (food poisoning).

**EXTRA PINE OIL:** Contains 3 to 4 times more steam distilled pine oil than typical highly advertised household brands.

**EMULSIFIED:** The pine oil and the surfactants are emulsified to combine their effectiveness when mixed with water.

**PLEASANT PINE ODOR:** Not only cleans and disinfects against intestinal bacteria, but leaves a pleasant pine odor to show that the job has been well done.

## HOW TO USE

To clean moderately soiled surfaces, mix 1/4 cup of disinfectant per gallon of water and apply with mop or brush. Heavily soiled surfaces must be pre-cleaned, followed by a second application to disinfect. See label for details. No rinsing is necessary except on rubber or asphalt tile and on food contact surfaces.

## USES

Cleans and deodorizes floors, pet quarters, garbage cans, dumpsters and compactors. Cuts grease, removes crayon marks and old wax. Use it also as an additive to laundry to boost cleaning and to deodorize.



## SPECIFICATIONS

APPEARANCE.....	Amber liquid
ODOR.....	Pine
SPECIFIC GRAVITY.....	0.995 ± 0.005
DENSITY.....	8.30 ± 0.05 lb/gal
BOILING POINT.....	Near 212°F
pH.....	12.5 ± 0.5
FLASH POINT.....	None to boiling
STABILITY.....	One Year Minimum
PERCENT OF PINE OIL.....	19.9
EPA REG. NO.....	9886-16-64250
USDA RATING.....	C1

PRODUCT CODE.....APD

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## MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

<b>SECTION 1 - PRODUCT IDENTIFICATION</b>			
<b>Trade Name</b> <b>ACTIVATED PINE TYPE II DISINFECTANT</b>		<b>Product Type</b> Pine Disinfectant	
<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>			
<b>CHEMICAL NAME/COMMON NAME</b>	<b>CAS NO.</b>	<b>PERCENT(optional)</b>	<b>TLV(Source)</b>
Pine Oil	8002-09-3		Not Established
Potassium Tallate	61790-44-1		Not Established
Other ingredients in this product are : <input checked="" type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not hazardous <input checked="" type="checkbox"/> Declared to be Trade Secret			
<b>SECTION 3 - PHYSICAL DATA</b>			
<b>Boiling point(°F.)</b> Near 212	<b>Specific Gravity(H2O=1.0)</b> (± 0.005)     0.995	<b>pH (± 0.5)</b> 12.5	
<b>Vapor Pressure(mm Hg)</b> Unknown	<b>Vapor Density(Air=1)</b> Unknown		
<b>Solubility in water</b> <input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input checked="" type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
<b>Evaporation Rate(vs. H2O)</b> <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same			
<b>Appearance and Odor</b> Amber Liquid, Pine Odor			
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>			
<b>Flash Point(T.C.C.)</b> °F. <input checked="" type="checkbox"/> None to Boiling	<b>Flammable Limits</b> <b>Upper</b> Unknown <b>Lower</b> Unknown		
<b>Extinguishing Media</b> CO2, dry chemical, foam, water spray.			
<b>Special Firefighting Procedures</b> Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
<b>Unusual Fire and Explosion Hazards</b> None known.			
<b>SECTION 5 - REACTIVITY DATA</b>			
<b>Stability</b> Stable	<b>Incompatibility</b> Strong oxidizers		
<b>Hazardous Decomposition Products</b> Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.			
<b>SECTION 6 - HEALTH HAZARDS</b>			
<b>Primary Routes of Exposure</b> <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other			
<b>Signs and Symptoms of Overexposure (Acute)</b> Eyes: Causes burns. Skin: Severe irritation. Swallowing: Irritation of mucous membranes,diarrhea,weakness,central nervous depression. Inhalation: Irritation of respiratory tract.			
<b>Signs and Symptoms of Overexposure(Chronic)</b> None known			
<b>Medical Conditions Aggravated by Overexposure</b> None known		<b>Carcinogen/Suspect Carcinogen Ingredients</b> <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE	
<b>SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES</b>			
<b>Eyes</b> Flush immediately with water for at least 15 minutes. Call a physician.			
<b>Skin</b> Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, Call a physician.			
<b>Ingestion</b> Do NOT induce vomiting. Drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.			
<b>Inhalation</b> Remove exposed person to fresh air. Treat symptomatically.			
<b>SECTION 8 - SPECIAL PROTECTION INFORMATION</b>			
<b>Respiratory Protection</b> Not needed under normal conditions of use.			
<b>Ventilation Requirements</b> <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other			
<b>Protective Gloves</b> Rubber	<b>Eye Protection</b> Safety glasses/goggles	<b>Other Protective Clothing</b> May be needed where likely exposure may occur	
<b>SECTION 9 - SPILL OR LEAK PROCEDURES</b>			
<b>Steps to be Taken if Released or Spilled</b> Eliminate all sources of ignition. Absorb with suitable absorbent. For large spills, collect for disposal.			
<b>Waste Disposal Methods</b> Dispose of in accordance with applicable Federal, State and Local ordinances.			
<b>SECTION 10 - STORAGE AND HANDLING INFORMATION</b>			
<b>Precautions to be Taken in Handling and Storage</b> Do not get in eyes,on skin or clothing. Wash thoroughly after handling. Use with adequate ventilation. Avoid breathing vapor. Keep container closed.			

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product,if diluted, under conditions of ordinary use.