

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

1-800-424-9300 (ChemTrec)

## SECTION I – GENERAL INFORMATION

TRADE NAME: **PIN-DEE 3.3 T & O**  
CHEMICAL NAME: Pendimethalin  
CHEMICAL FAMILY: Herbicide (aniline derivative)  
EPA REG. NO.: 19713-590  
SIGNAL WORD: CAUTION

## SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>PEL</u>	<u>CLASS</u>
Pendimethalin	40487-42-1	37.4%	10ppm	NH
Inerts	NA	62.6%		NH

## SECTION III – PHYSICAL DATA

Boiling Point: appr. 244°C    Specific Gravity: 1.06 gms/cc  
Vapor Pressure: N/K    % Volatiles: Approx 60%  
Vapor Density: N/K    Solubility in Water: Emulsifies  
pH: 6-7    Appearance/Odor: Dark amber liquid, aromatic odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point: Approx. 118°F  
Extinguishing Media: Foam, dry extinguishing media, carbon dioxide, water spray  
Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus & turnout gear. Stay upwind. Prevent run off if possible.

## SECTION V – REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: Avoid all sources of ignition: Heat, sparks, open flame; extreme temperatures; prolonged exposure to extreme heat; contamination; electro-static discharge; prolonged storage  
Incompatibility: Oxidizing agents, strong alkalis  
Hazardous Decomposition Products: No hazardous decomposition products if stored & handled as prescribed/indicated.  
Hazardous Polymerization: Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: Long term rat study= substance induced thyroid tumors; long term mice study=no effect observed; Low human exposure=no carcinogenic risk  
Toxicity Data: Oral: LD50(Rat)=3,956 mg/kg;  
Dermal LD50(Rat): >2000 mg/kg  
Inhalation LC50 (Rat): >5.35 mg/l/4hr  
N.F.P.A.: Health: 2; Fire: 2; Reactivity: 1  
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)  
Effects of Overexposure: May aggravate existing skin conditions. Avoid contact with skin or eyes. Do not ingest.

## SECTION VII – EMERGENCY PROCEDURES

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

**Note To Physician:** Contains aromatic naphtha - vomiting may cause aspiration pneumonia. Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should be induced only under professional supervision.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Contain spills and prevent runoff or entering of waterways. Assure protective equipment is worn. Pick up spills with absorbent material and place in suitable containers.

Waste Disposal Method  
Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear NIOSH-certified filter system to remove particles, gas and vapors.  
Ventilation: Wear respiratory protection if ventilation is inadequate.  
Protective Gloves: Protective glove selection must be based on the user's assessment of the workplace environment. (Impervious)  
Eye Protection: Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.  
Other: Body protection must be chosen depending on activity & possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

**SECTION X – SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store away from foodstuffs.

D.O.T. Description: Bulk; Regulated Combustible. Non-bulk - Non-Regulated.

Freight Description: Agricultural herbicide, liquid, N.O.S.

Reportable Quantity: N/A

E.R.G. Guide Sheet: 128

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