

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

1-800-424-9300 (ChemTrec)

## SECTION I – GENERAL INFORMATION

TRADE NAME: Pendiguard Turf 0.86%  
CHEMICAL NAME: Pendimethalin: N- (1-ethylpropyl)-3, 4-dimethyl-2,6-dinitrobenzamine  
CHEMICAL FAMILY: Dinitroaniline  
EPA REG. NO.: 19713-615  
SIGNAL WORD: CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Pendimethalin	40487-42-1	0.86%	0.5mg/m <sup>3</sup>	NH
Inert Ingredients	N/A	99.14%	N/A	NH

## SECTION III – PHYSICAL DATA

Boiling Point:	N/A	Bulk Density:	50-65 lbs/ft <sup>3</sup>
Vapor Pressure:	N/A	% Volatiles:	N/A
Vapor Density:	N/A	Solubility in Water:	Insoluble
pH:	N/A	Appearance/Odor:	Solid; mild odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point: N/A  
Extinguishing Media: Use water, foam, dry chemical, or carbon dioxide to extinguish fires.  
Fire Fighting Procedures: Do not decontaminate personnel or equipment. Assure S.C.B.A is worn. Prevent runoff if possible.

## SECTION V – REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: Excessive heat, open flame  
Incompatibility: Oxidizers, caustics, acids  
Hazardous Decomposition Products: Possible combustion products include oxides of carbon, sulfur, and nitrogen.  
Hazardous Polymerization: Will not occur.

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: N.K.  
Toxicity Data: Dermal LD50 (rats) >5000 mg/kg  
Dermal LD50 (rabbits) >2000 mg/kg  
TLV: 0.5 mg/m<sup>3</sup>  
N.F.P.A.: Health:2, Fire:0, Reactivity: 0  
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)  
Effects of Overexposure: Could result in skin irritation. Do not ingest.

## SECTION VII – EMERGENCY PROCEDURES

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

**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 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 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.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Keep away from drains, surface and ground water, and soil. Keep all sources of ignition way from the spill, and avoid creating dusty conditions when handling this material. If heavy dusting cannot be avoided, ground all equipment. Shovel or sweep the spilled material into covered containers for proper disposal. If possible, reuse the material for its intended purpose.

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

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear self-contained, positive pressure breathing apparatus.  
Ventilation: General ventilation.  
Protective Gloves: Rubber gloves.  
Eye Protection: Chemical goggles  
Other: Long sleeved shirt and pants

## 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: Non-Regulated.  
Freight Description: Agricultural Herbicide, solid, n.o.s.  
Reportable Quantity: N/A  
ERG Guide No.: 171

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