

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	DREXALIN PLUS
CHEMICAL NAME	Flumetralin
CHEMICAL FAMILY	Dinitroaniline
EPA REG. NO.	19713-510
SIGNAL WORD	CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Flumetralin	62924-70-3	13.7	5mg/kg	NH
Inerts	N/A	86.3	N.E.	NH

SECTION III – PHYSICAL DATA

Boiling Point	293°F	Specific Gravity	1.044 gms/cc
Vapor Pressure	3.20x10 ⁻²	% Volatiles	N/A
	Flumetralin		
Vapor Density	N/A	Solubility in Water	0.1mg/L @ 25°C (Flumetralin)
pH	4-6 (1% solution in H ₂ O)	Appearance/Odor	Reddish-orange liquid, solvent odor.

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	140°F
Extinguishing Media	Dry chemical, foam or CO ₂
Fire Fighting Procedures	Wear full protective clothing and self-contained breathing apparatus. Evacuate non-essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. If water is used to fight fire, dike and collect runoff.

SECTION V – REACTIVITY DATA

Stability	Stable under normal conditions
Conditions to Avoid	Extreme temperatures
Incompatibility	Strong oxidizers
Hazardous Decomposition Products	Toxic Glasses
Hazardous Polymerization	Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity:	N.E.
Toxicity Data:	Oral LD50 (Rat) = >2,000 mg/kg b.w. Dermal LD50 (Rabbit) = >2,000 mg/kg
TLV:	5 mg/kg
N.F.P.A.:	Health: 3, Fire: 2, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure:	Exposure may cause corneal involvement or eye irritation clearing in 1 to 3 weeks, mild skin irritation, and respiratory tract irritation. Prolonged inhalation may cause headache, dizziness, breathing difficulty or nausea. If swallowed and aspirated into lungs, chemical pneumonia can occur. Harmful if swallowed.

SECTION VII – EMERGENCY PROCEDURES

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 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 do so 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.

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 petroleum distillate-vomiting may cause aspiration pneumonia.

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:	NIOSH approved respirator
Ventilation:	General recommended
Protective Gloves:	Chemical-resistant gloves
Eye Protection:	Chemgoggles or full face shield
Other:	Coveralls over short-sleeved shirt and short pants, chemical-resistant footwear plus socks, chemical resistant apron.

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:	UN-1993, Non-Regulated (Non-Bulk) (Bulk or International) Flammable Liquid, N.O.S., (1, 2, 4-Trimethylbenzene/xylene), 3, PG III, Marine Pollutant.
Freight Description:	Plant Growth Inhibitor, Liquid, N.O.S.
Reportable Quantity:	N/A
ERG Guide:	128

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