



MATERIAL SAFETY DATA SHEET

use for Lilly Miller Veg Killer Conc.

PBI/Gordon Corporation
1217 West 12th Street
P.O. Box 4090
Kansas City, MO 64101

CODE: 918

ISSUE DATE:

ISSUED BY:

Section I

ChemTrec Chemical Transportation Emergency Telephone No.: 800-424-9300	PBI/Gordon Emergency Number: 816-421-4070 (8 a.m. to 4:30 p.m. C.S.T.)
TRADE NAME ACME Vegetation Killer <i>170x100</i>	Product Code Number 85
LABEL (Active Ingredients) Prometon.....3.6% 2,4-dichlorophenoxyacetic acid.....1.0% Aromatic petroleum distillates.....76.4% Inert Ingredients.....19.0%	CHEMICAL FAMILY Triazine & chlorophenoxy herbicides
	CHEMICAL NAMES/SYNONYMS Prometon and 2,4-D

Section II

HAZARDOUS INGREDIENTS

Solvents	Aromatic Petroleum	% 77%
Resins/Others		

Section III

PHYSICAL DATA

Appearance Liquid	Specific Gravity	0.936	Color Reddish	Boiling Point 350°F
	Bulk Density	N.A.		
Solubility/Water	Odor Characteristics		% Volatile by Volume (liquid)	Freezing Point
Emulsifiable	Phenolic			

Section IV

FIRE & EXPLOSION DATA

Flash Point of Method 118°F TCC	Extinguishing Media CO2, foam, or dry compound.
Special Fire Fighting Procedures As for oil fires.	
Unusual Fire or Explosion Hazards	

Section V

HEALTH HAZARDS

LD50 Oral (Ingestion) Rats 2430 mg/kg	Effects to Skin Severe irritation to some individuals.
Effects to Eye Irritation	Other
Effects of Over Exposure Eye irritation. If swallowed, call a physician.	Emergency and First Aid Procedures Eye: flush with tap water for 15 min. and get immediate medical attention. Skin: Wash with soap and water.

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Section VI

REACTIVITY DATA

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Stability	Stable	Conditions to Avoid
	Unstable	
Incompatibility (Material to Avoid)		
NONE		
Decomposition Products		
NONE		

Section VII

SPILL OR LEAK PROCEDURE

Steps to be taken if Material is Spilled
Contain spill. Sweep into container using sweeping compound.
Waste Disposal Method
Use EPA approved disposal methods.

Section VIII

SPECIAL PROTECTION DATA

Respirator Type	Ventilate work area.
Protection	Gloves
Wrap around goggles	Rubber
Other Protective Equipment Required	

Section IX

SPECIAL PRECAUTIONS AND STORAGE DATA

Storage Temperature	Special Sensitivity (Heat, Light, Moisture)
Minimum 25°F Maximum 120°F	N.A.
Precautions to be taken in handling and storage	
Do not store near materials to be used for consumption by humans or animals.	

SHIPPING DATA

D.O.T. Shipping Name	Technical Shipping Name
Compound Tree or Weed Killing	SAME
D.O.T. Hazard Classification	SECONDARY: NONE
PRIMARY: NONE	
D.O.T. Label Required	Freight Classification (Bill of Lading Description)
NONE	Compound Tree or Weed Killing
Initiated by	Approved by
Title	Title
Date Initiated	Date Approved

This information is furnished without warranty expressed or implied, except that it is accurate to the best knowledge of PBI/Gordon. The data on this sheet relates only to the specific material designated herein. PBI assumes no legal responsibility for use or reliance on this data.

N.E.: Not Established
N.A.: Not Applicable

FORM: G221-81

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MATERIAL SAFETY DATA SHEET

THE CHAS. H. LILLY CO. 7737 NE KILLINGSWORTH PORTLAND, OR 97218	EPA Est. No. 802-OR-1
BUSINESS OFFICE: (503)256-4600	Page 1 of 2
24 HOUR EMERGENCY NUMBER: 1-800-858-7378	

Brand: LILLY/MILLER	Date Issue: 12/06/93
Product: Noxall Vegetation Killer	
Number: 66765	Supersedes: 10/20/92
EPA Reg. No. 802-533	

1.0 REGULATORY INFORMATION

PROPER SHIPPING NAME:

Compound, Tree or Weed Killing, N.O.I.

NFPA Codes: 0=None, 1=Slight, 2=Moderate, 3=High, 4=Extreme, W=Use No Water
 Health=2 Fire=1 Reactivity=0 Other=None

SARA TITLE III REQUIREMENTS:

Section 302 Extremely Hazardous Substances: No
 Section 311/312 Hazardous Substances: Yes
 Section 313 Toxic Chemicals: Yes
 Carcinogenic Compound(s) (IARC/NTP): None

2.0 INGREDIENTS

Ingredient/CAS Number	% by Wt.	TLV	PEL
2,4-bis(isopropylamino)-6-methoxy-s-triazine/1610-18-0	2.50	Unk	Unk

Other/INERTS:	97.50
TOTAL	100.00

3.0 STORAGE/HANDLING/DISPOSAL GUIDELINES

1. Store this product in its original container and keep away from children, pets, and domestic animals. Avoid heat >120 degrees F. Avoid freezing.
2. Always read entire label instructions before using this product. Use impervious gloves when handling/applying this product. Do not reuse container.
3. Triple rinse container before disposal. Dispose in accordance with local, state and federal regulations.

4.0 SPILL/CLEANUP PROCEDURES

1. Isolate area. Keep pets, people away. Ventilate area. Eliminate fire sources.
2. Put on protective gloves and overshoes. Avoid contact with liquid.
3. Place dry absorbent material over liquid (kitty litter/diatomaceous earth).
4. When liquid has been absorbed, place absorbent in disposable container with shovel or dust pan. Scrub spilled area with water and detergent with broom.
5. Discard unusable packaging material. Wash affected clothing separately.

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5.0 HEALTH HAZARDS/FIRST AID

INHALATION: May result in respiratory irritation, nasal discomfort or shortness of breath. Move to fresh air. Call physician.

INGESTION: May cause severe discomfort. Consult physician immediately. Contact Poison Control Center.

EYE CONTACT: May cause burning, irritation. Flush eyes with clean water for fifteen minutes. Consult physician.

SKIN CONTACT: May produce rash or irritation. Wash affected area with soap and warm water. If irritation persists consult physician.

6.0 PHYSICAL PROPERTIES

Flashpoint: >100 F	Boiling Point: >100 C
Density/Specific Gravity: <1	Solubility: Complete
Vapor Pressure: >1	Appearance: Clear
Vapor Density: <1	Odor: Petroleum

7.0 FIRE AND EXPLOSION DATA

Extinguishing media: Dry chemical or CO₂.

Flammable Limits - LEL: 1% UEL: Unknown

Special Fire Fighting Procedures:

Positive pressure, self-contained breathing apparatus and full firefighter protection.

Unusual Fire/Explosion Hazards - Thermal decomposition products include: carbon monoxide or carbon dioxide.

8.0 ENVIRONMENTAL INFORMATION

This product is toxic to fish.

Do not apply directly to water or wetlands.

Do not contaminate water by cleaning of equipment or disposal of wastes.

Apply this product only as specified on product label.

This Material Safety Data Sheet is intended to comply with Federal OSHA Hazard Communication Standard [29CFR1910.1200] and state right-to-know laws. The information contained herein is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of The Chas. H. LILLY Co. Information contained in this Material Safety Data Sheet may be made available by calling The Chas. H. LILLY Co. in the Pacific Time Zone during normal business hours at (503) 256-4600.

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HEALTH & SAFETY INFORMATION FOR
LILLY/MILLER NOXALL VEGETATION KILLER

CONTAINS:

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CERTREX 50C
3X CONCENTRATED VEGETATION KILLER

ATTACHED INFORMATION IS SUPPLIED IN RESPONSE TO THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200, OR EQUIVALENT STATE REGULATIONS. SINCE THIS MIXTURE HAS NOT BEEN TESTED AS A WHOLE, INFORMATION IS SUPPLIED ON ALL INGREDIENTS IN THE MIXTURE WHICH COMPRISE 1% OR GREATER OF THE COMPOSITION.

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THE CHAS. H. LILLY CO.
7737 N.E. KILLINGSWORTH STREET
PORTLAND, OREGON 97218

(503) 256-4600