

MS DS  
SENT TO  
SAFETY OFFICER  
DATE 4/18/89

50 Lb. (22.68 Kg.) Net Weight

LEBANON<sup>®</sup>

Country Club<sup>®</sup>

12-4-8 WITH HERBICIDE  
2,4-D and MCPP

**GUARANTEED ANALYSIS**

Total Nitrogen (N) ..... 12%  
3% Water Insoluble Nitrogen  
3% Ammoniacal Nitrogen  
2% Urea Nitrogen  
Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>) ..... 4%  
Soluble Potash (K<sub>2</sub>O) ..... 8%  
Magnesium (Mg) ..... 8%  
Sulfur (S) ..... 9%  
Iron (Fe) ..... 2 1/4%  
Nutrient Sources: Urea; Methylenediamine; Ammonium Phosphate; Ammonium Sulfate; Muriate of Potash; Diatomite; Ferrous Sulfate  
Potential Acidity Equivalent 100 lbs. Calcium Carbonate per ton.

**HERBICIDE INGREDIENT STATEMENT**

**ACTIVE INGREDIENTS:**  
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid\* ..... 0.868%  
Dimethylamine salt of 2-(1-methyl-4-chlorophenoxy) propionic acid\*\* ..... 0.868%  
**INERT INGREDIENTS:** ..... 98.264%  
**TOTAL** ..... 100.000%

\*Equivalent to 0.72% 2,4-dichlorophenoxyacetic acid  
\*\*Equivalent to 0.72% 2-(1-methyl-4-chlorophenoxy) propionic acid  
EPA Reg. No. 961-263

**CAUTION:**  
KEEP OUT OF REACH OF CHILDREN  
HARMFUL IF SWALLOWED

LEBANON CHEMICAL CORPORATION  
LEBANON, PA. 17042

Country Club<sup>®</sup> FERTILIZER 35625

35625

Country Club<sup>®</sup>

12-4-8 WITH HERBICIDE  
2,4-D and MCPP

**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS AND DOMESTIC ANIMALS.**  
CAUTION: Keep out of reach of children and pets. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. In case of contact, flush with water. Avoid inhaling dust. Do not contaminate foodstuffs, feed or domestic water supplies.  
**ENVIRONMENTAL HAZARDS.**  
Do not contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**FOR A LUXURIOUS, WEED FREE LAWN**

The 12-4-8 fertilizer stimulates grass growth to quickly conceal spots where weeds have died. Kills weeds and grows healthy green grass in one application.

**EFFECTIVE WEED CONTROL**

Kills many common weeds, including buckhorn, dandelion, chickweed, clover, ground hry, knotweed, plantain.

**FOR ESTABLISHED LAWNS**

Will not harm most lawn grasses. May cause some temporary browning, particularly on Seaside, Arlington and Congressional bent grasses. If browning is noted, water thoroughly to expedite recovery.

**SUGGESTED SPREADER SETTINGS**

Spreader	Speed		Width of Coverage	Settings 4 lbs. per 1,000 sq. ft.
	Ground MPH	PTO RPM		
Jet-Spread <sup>®</sup>	3		8 ft.	
Cyclone	3		8 ft.	4 1/2
Ezee Flow (108)	5	540	30 ft.	4 1/2
Lely (HR)	5		30 ft.	C2 1/2
Lely (WR)	5		30 ft.	B 1/2 II
Scotts (Rotary)	3	425	8 ft.	B II
Scotts (Rotary) RTX	3		10 ft.	H G

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage, 8 qt per 100 sq. ft.

The best time to destroy weeds is when they are young and actively growing, before they crowd out desirable grasses. Apply at the rate of 4 lbs. per 1,000 sq. ft., in Spring or early Fall, when ground moisture is adequate and weeds are actively growing. Apply when grass is wet from recent rain, dew, or sprinkling to get most effective herbicide action. If used during dry period, water lawn thoroughly 24 hours prior to application.

For persistent weeds, when weeds reappear, or if a heavy rain occurs within 2 days after application, a second application may be necessary.

Apply to new lawns only after 2nd or 3rd mowing. Do not apply to very young grass, or to predominantly bent grass turf.

Do not mow, water, or make heavy use of lawn for at least 24 hours after application.  
Clean spreader thoroughly after use.

Vapors from this product may injure susceptible plants in the immediate vicinity. Bentgrass, St. Augustine grass, Dichondra, clover and Carpetgrass may be injured. Avoid drift to susceptible plants, as this product may injure flowers, ornamentals, and vegetables.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE:** Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store near food, feed, seeds or other pesticides.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY**

Lebanon Chemical Corporation makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. The buyer assumes all risks; including injury or damage, arising out of the storage, handling and/or use of the product when not in strict accordance with directions given herewith.

LEBANON CHEMICAL CORPORATION  
LEBANON, PA. 17042

FREIGHT SHIPPING BAG  
Meeting requirements of  
APPLICABLE FREIGHT CLASSIFICATION  
Guaranteed by UNION CAMP CORPORATION

35625

NEW HOPE, PA. 18938  
A QUALITY BAG FOR  
A QUALITY PRODUCT

16812-1 12-87 3-150  
87-11-61/35625-U-30  
13 x 3 1/4 x 31 NA0385

5 - 1988

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

Country Club 12-4-8 w/2,4D + MCPFP

QUICK IDENTIFIER  
Corrosion Name: (used on label and list)  
EPA# 961-263

## SECTION 1 -

Manufacturer's Name **Lebanon Chemical Corporation**  
Address **PO Box 180**  
City, State, and ZIP **Lebanon, PA 17042**  
Signature of Person Responsible for Preparation (Optional)  
Emergency Telephone No. **717-273-1685**  
Other Information Calls **SAHE**  
Date Prepared **8/26/88**

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS. NO.
Dimethylamine Salt of 2,4-Dichlorophenoxy-	N/L	N/L	N/A	0.868	2008-39-1
Acetic Acid					
Dimethylamine Salt of 2-(2-Methyl-4-Chloro-phenoxy) propionic acid	N/L	N/L	N/A	0.868	32351-70-5
Inert Ingredients: (Fertilizer Base)				98.264	----

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Density	658/cuft	Specific Gravity (H <sub>2</sub> O = 1)	N/A	Vapor Pressure (mm Hg)	N/A
Solubility in Water	Moderately Soluble	Reactivity in Water	N/A	Vapor Density (Air = 1)	N/A	pH	6
Appearance and Odor	Tan-Gray granules	Melting Point	N/A				

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A	Method	C	Flammable Limits in Air % by Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	N/A	Extinguisher Media	Water, foam, or dry chemical					
Special Fire Fighting Procedures	Use self-contained breathing apparatus and protective clothing.							
Unusual Fire and Explosion Hazards	Toxic Fumes may be emitted.							

Do not allow contamination of any water supply.

## SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable  Conditions to Avoid  None determined

Instability (Materials to Avoid) None determined

Hazardous Decomposition Products Fire conditions may produce toxic or irritating gases  
Hazardous May Occur  Conditions to Avoid  None determined  
Polymerization Will Not Occur  to Avoid  None determined

## SECTION 6 - HEALTH HAZARDS

1. Acute Not determined 2. Chronic Not determined  
Signs and Symptoms of Exposure Not determined

Medical Conditions Generally Aggravated by Exposure Possible skin irritation for sensitive individuals

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes  No  IARC Monographs Yes  No  OSHA Yes  No

Emergency and First Aid Procedures Inhalation-remove to fresh air; eyes-flush with running water; skin-wash with soap and water; ingestion-induce vomiting by lavage of water or milk. Seek medical attention

## ROUTES OF ENTRY

- Inhalation Not likely
- Eyes Not likely
- Skin Skin irritation possible for sensitive individuals
- Ingestion Not likely

## SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Store in dry area, away from foodstuffs or other chemicals. Wash with soap and water after handling. May use goggles and gloves when applying.

Other Precautions None

Steps to be Taken in Case Material is Released or Spilled Clean up and use per label directions. If contaminated, place in proper pesticide disposal.

Waste Disposal Methods (Consult federal, state, and local regulations) Wrap carefully, and place in proper pesticide waste disposal.

Avoid contamination of any body of water.

## SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) Nuisance dust respirator.  
Ventilation Normal Local Exhaust Not required Mechanical (General) Not required Special NONE Other NONE  
Protective Gloves May use rubber gloves Eye Protection May use goggles or glasses  
Other Protective Clothing or Equipment None normally required  
Work/Hygiene Practices Wash with soap and water after using.

IMPORTANT - Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.