

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 + MCPP

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**
Emergency Telephone No. **717-273-1685**
Other Information Call **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 **65#/cuft** Specific Gravity (H₂O=1) **N/A** Vapor Pressure (mm Hg) **N/A**
Vapor Density (Air=1) **N/A** pH **6**
Solubility in Water **Moderately Soluble** Reactivity in Water **N/A**
Appearance and Odor **Tan-Gray granules Phenoxy odor** Melting Point **N/A**

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point **N/A** Method Used **C** Flammable Limits in Air % by Volume **N/A** 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**
Do not allow contamination of any water supply.
Unusual Fire and Explosion Hazards **Toxic Fumes may be emitted.**

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Stable Conditions to Avoid **None determined**
Incompatibility (Materials to Avoid) **None determined**
Hazardous Decomposition Products **Fire conditions may produce toxic or irritating gases**
Hazardous May Occur Conditions
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 I.A.R.C. 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
1. Inhalation **Not likely**
2. Eyes **Not likely**
3. Skin **Skin irritation possible for sensitive individuals**
4. 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 Exhaust **Not required** Mechanical (General) **Not required** Special **NONE** Other **NONE**
Protective Clothing **May use rubber gloves** Eye Protection **May use goggles or glasses**
Other Protective Clothing or Equipment **None normally required**
Work Hygienic 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.

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

50 Lb. (22.68 Kg.) Net Weight



Country Club®

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

GUARANTEED ANALYSIS

Total Nitrogen (N) 12%
 3.5% Water Insoluble Nitrogen
 5.5% Ammoniacal Nitrogen
 3.2% Urea Nitrogen
 Available Phosphoric Acid (P₂O₅) 8%
 Soluble Potash (K₂O) 5%
 Magnesium (Mg) 0.5%
 Sulfur (S) 0.5%
 Iron (Fe) 2.0%
 Nutrient Sources: Urea, Methylenes Ureas, Ammonium Phosphate, Ammonium Sulfate, Muriate of Potash, Dioxime, Potassium Sulfate, 1.2%
 Potential Acidity Equivalent 100 lbs. Calcium Carbonate per ton.

HERBICIDE INGREDIENT STATEMENT

ACTIVE INGREDIENTS:
 Dimethylamine salt of 2,4-dichlorophenoxyacetic acid* 0.863%
 Dimethylamine salt of 2-(2-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-(2-methyl-4-chlorophenoxy) propionic acid
 EPA Reg. No. 961-263

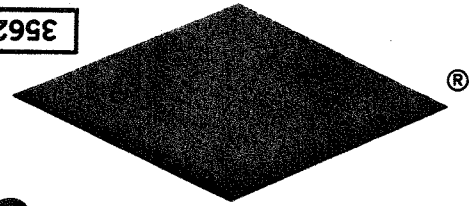
CAUTION:
 KEEP OUT OF REACH OF CHILDREN
 HARMFUL IF SWALLOWED
 (See Back of Bag for Additional Precautions)

LEBANON CHEMICAL CORPORATION
 LEBANON, PA. 17042

Country Club® FERTILIZER 35625

MIL ORGANITE

35625



Country Club®

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 ivy, 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
	Ground MPH	PTO RPM		4 lbs. per 1,000 sq. ft.
Jet-Spread®	3		8 ft.	4 1/2
Cyclone	3		8 ft.	4 1/2
Ezee Flow (108)	5	540	30 ft.	C2 1/2
Lely (HR)	5		39 ft.	6 1/2 II
Lely (W)	5	425	39 ft.	6 II
Scotts (Rotary)	3		6 ft.	H
Scotts (Rotary) RTX	3		10 ft.	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

35625

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

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