



LESCO 2MD FEED AND WEED

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Trade Names	LESCO 2MD FEED AND WEED
CAS No.	Mixture
EPA Identification Number	EPA Reg. No. 2217-793-10404

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Turfgrass Fertilizer and Herbicide
Uses Advised Against	It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Details of the supplier of the safety data sheet

Company Identification	LESCO, Inc. 1385 East 36 th Street Cleveland, OH 44114 United States of America
Telephone	(800) 347-4272

Emergency telephone number

Emergency Phone No.	CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Skin Irrit. 2, Eye Irrit. 2, Repr. 2
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Label elements

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS) and for workplace labels of non pesticide chemicals. The labeling information below applies to non-pesticide workplace labels. For pesticide label information, refer to Section 15.

Hazard Symbol(s)



Signal Word(s)

WARNING

Hazard Statement(s)

Causes skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.



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Precautionary Statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not eat, drink or smoke when using this product.
Wash hands and exposed skin after use.
Contaminated work clothing should not be allowed out of the workplace.
Store locked up.
Disposal should be in accordance with local, state or national legislation.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically.

Other hazards

None

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard Statement(s)
Sulfur	0.099 - 19.8	7704-34-9	Skin Irrit. 2; H315
Ferrous sulfate	0.099 - 9.9	7720-78-7	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319
2,4-Dichlorophenoxyacetic acid (2,4-D)	0.37	94-75-7	Acute Tox. 4; H302, H332 Eye Dam. 1; H318 Repr. 2; H361 STOT SE 1; H370 STOT RE 2; H373
Other sulfur, nitrogen, phosphate, potassium, manganese, iron, and magnesium compounds	0.099 - 97.2	57-13-6	Not classified as dangerous for supply/use.

Additional Information – None

SECTION 4: FIRST AID MEASURES



Description of first aid measures



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Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically.
Skin Contact	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically.
Most important symptoms and effects, both acute and delayed	None known.
Indication of any immediate medical attention and special treatment needed	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media -Suitable Extinguishing Media -Unsuitable Extinguishing Media	Non-combustible. As appropriate for surrounding fire. None known.
Special hazards arising from the substance or mixture	Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms oxides of carbon, sulfur, and nitrogen, also chlorine and chlorinated compounds. Decontaminate equipment or materials used in pesticide fires.
Advice for fire-fighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Do not get in eyes. Avoid contact with skin. Do not breathe dust. Wear protective gloves/protective clothing/eye protection/face protection.
Environmental precautions	Prevent substance entering sewers.
Methods and material for containment and cleaning up	Sweep up and shovel into waste drums or plastic bags. Wash the spillage area with water. If possible prevent water running into sewers.
Reference to other sections	None
Additional Information	None



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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not get in eyes. Avoid contact with skin. Do not breathe dust. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

- Storage temperature
- Incompatible materials

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Strong oxidizing agents or reducing agents. Strong acids / bases.

Specific end use(s)

Turfgrass Fertilizer and Herbicide

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
2,4-Dichlorophenoxyacetic acid	94-75-7	10 mg/m3	10 mg/m3 ^(I)	-----	-----	-----
Ferrous sulfate (as Fe)	7720-78-7	-----	1 mg/m3	-----	-----	-----
Iron Oxide	1309-37-1	10 mg/m3	5 mg/m3 ^(R)	-----	-----	-----
Manganese oxide (as Mn)	1317-35-7	5 mg/m3	0.02 mg/m3 ^(R) 0.0 mg/m3 ^(I)	-----	-----	-----

^(I)Inhalable fraction, ^(R)Respirable Fraction

Exposure controls

Appropriate engineering controls

Observe directions on label and instructions for use.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Gloves (PVC, Neoprene, or Natural rubber).



Respiratory protection

Not normally required.





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Thermal hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Solid / Granular
Color.	White
Odor	Slightly pungent
Odor Threshold (ppm)	Not available
pH (Value)	Not applicable
Melting Point/Freezing Point (C)	Not available
Boiling point/boiling range (°C)	Not applicable
Flash Point (°C)	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Non-flammable / Non-combustible
Explosive Limit Ranges	Not applicable
Vapour Pressure (Torr)	Not applicable
Vapour Density (Air=1)	Not applicable
Density (g/ml)	0.72 (45 lb/ft3)
Specific Gravity	0.72
Solubility (Water)	Partially soluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not explosive
Oxidizing properties	Not oxidising
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	Strong oxidizing agents or reducing agents. Strong acids / bases.
Hazardous decomposition product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours: acrid smoke. Forms oxides of carbon, sulfur, and nitrogen, also chlorine and chlorinated compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects



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Acute toxicity (calculated / estimated)

Oral: LD50 >2000 mg/kg-bw (rat)
Dermal: LD50 >2000 mg/kg-bw (rat)
Inhalation: LD50 > 5 mg/L (4 hr) (rat) (Inhalable Dust)

Irritation/Corrosivity

Causes skin irritation. Causes serious eye irritation.

Sensitization

Not to be expected.

Repeated dose toxicity

Not to be expected.

Carcinogenicity

Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity

Not to be expected.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Short term (estimated / calculated)

LC50 (96 hour): >100 mg/L(fish)
EC50 (48 hour): >100 mg/L (crustacea)

Long Term

Not to be expected.

Persistence and degradability

Persistent

Bioaccumulative potential

Not available.

Mobility in soil

The substance has low mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)		Not classified as dangerous for transport.	
Packing group			
Hazard label(s)			
Environmental hazards			



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Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

EPA FIFRA Information for SDS Section 15 (Regulatory Information):

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non pesticide chemicals.

The hazard information required on the pesticide label is reproduced below:

KEEP OUT OF REACH OF CHILDREN
CAUTION

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. All loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks,
- chemical-resistant gloves.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.



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FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 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 on skin or on clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • 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 person.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	0.37	100

SARA 311/312 - Hazard Categories:

Fire
 Sudden Release
 Reactivity
 Immediate (acute)
 Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	0.37

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----



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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: May 5, 2016

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

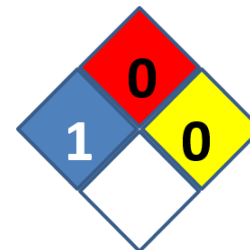
Hazard Statement(s)

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H361: Suspected of damaging fertility or the unborn child.
- H370: Causes damage to organs.
- H373: May cause damage to organs through prolonged or repeated exposure.

Additional Information:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
Personal Protection	B  

HMIS (Hazardous Material Information System)



NFPA (National Fire Protection Association)

LESCO urges each customer or recipient of this Safety Data Sheet (SDS) to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and is based on our current knowledge. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. It is the buyer's/user's responsibility to ensure that his or her activities comply with all federal, state, provincial and local laws. The information presented here pertains only to the product as shipped. It is the buyer's/user's duty to determine the conditions necessary for safe use of this product.

The SDS serves different purposes than, and DOES NOT REPLACE OR MODIFY, THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling.

It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.