



Safety Data Sheet

Section 1: Identification

Product identifier

- Product Name** • **Lilly Miller Moss Out! 5 in 1 Broadleaf Weed & Moss Killer Ready-To-Spray**
- Synonyms** • EPA Reg. No.: 67702-26-90098; Lawn Herbicide for broadleaf weed and moss control; UPC #: 0-70624-00121-9
- Product Description** • Dark red liquid.
- Relevant identified uses of the substance or mixture and uses advised against**
- Recommended use** • For use on homeowner lawns to control listed broadleaf weeds and moss.
- Restrictions on use** • Avoid contact with eyes and skin. Keep out of the reach of children.

Details of the supplier of the safety data sheet

- Manufacturer** • Central Garden & Pet Company, Garden Division
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339
United States
www.mossout.com

Emergency telephone number

- Manufacturer** • 1-800-265-0761
- Manufacturer (Transportation)** • 1-800-424-9300 - CHEMTREC
- Manufacturer (Transportation)** • 1-703-527-3887 - CHEMTREC - Outside US Collect Calls Accepted

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

- OSHA HCS 2012** • Carcinogenicity 2
Eye Mild Irritation 2B
Skin Irritation 2

Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes skin irritation

Eye Mild Irritation 2B
Suspected of causing cancer.

Precautionary statements

Prevention ● Wear protective gloves/protective clothing/eye protection/face protection.
Do not handle until all safety precautions have been read and understood.
Obtain special instructions before use.
Wash thoroughly after handling.

Response ● 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.
Specific treatment is urgent, see supplemental first aid information in Section 4 - First Aid Measures.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
IF exposed or concerned: Get medical advice/attention.

Storage/Disposal ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Store locked up.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
Sodium nitrate	CAS:7631-99-4	21%
Acetic acid, nitrilotri-	CAS:139-13-9	0.8%
Other ingredients	NDA	78.2%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor if you feel unwell.

Skin

- IF ON SKIN: Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye

- 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.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

Most important symptoms and effects, both acute and delayed

- Suspected of causing cancer, causes mild eye irritation, causes skin irritation. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media ● Use water, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media ● Avoid heavy hose streams.

Firefighting Procedures ● Do not allow fire fighting water to escape into waterways or sewers.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards ● Material is non-combustible and is not expected to pose a fire or explosion hazard.

Hazardous Combustion Products ● Thermal decomposition may produce oxides of nitrogen and ammonia.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions ● Use appropriate Personal Protective Equipment (PPE). Do not touch damaged packages or spilled material. Do not walk through spilled material. Ventilate enclosed areas.

Emergency Procedures ● Avoid release into the environment. Avoid unnecessary personnel and equipment traffic in the spill area. Ventilate closed spaces before entering.

Environmental precautions

- Do not allow runoff into water, storm drains or drainage ditches.

Methods and material for containment and cleaning up

Containment/Clean-up Measures ● Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal. Stop leak if you can do it without risk.

Section 7 - Handling and Storage

Precautions for safe handling

Handling ● Use good safety and industrial hygiene practices. Avoid contact with skin or eyes. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities

Storage ● Store in cool, dry, secure place. Keep out of reach of children. Store locked up. Avoid excessive heat (40° C; 104° F).

Incompatible Materials or Ignition Sources ● Steel, Zinc and Aluminum.

Section 8 - Exposure Controls/Personal Protection

Control parameters**Exposure Limits/Guidelines** • No data available.**Exposure controls****Engineering Measures/Controls** • No data available**Personal Protective Equipment****Pictograms****Respiratory**

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if nuisance dust exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear chemical splash safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste. Avoid release to the environment.

Section 9 - Physical and Chemical Properties**Information on Physical and Chemical Properties**

Material Description			
Physical Form	Liquid	Appearance/Description	Dark red liquid.
Color	Dark red.	Odor	Slight ammonia.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	6.50 +/- 1.50
Specific Gravity/Relative Density	No data available	Bulk Density	1.39 ± 0.03 g/mL
Water Solubility	Soluble	Viscosity	7 ± 3 cPs (Brookfield LVF)
Volatility			
Vapor Pressure	No data available	Vapor Density	Not relevant
Evaporation Rate	No data available	VOC (Wt.)	0
VOC (Vol.)	0		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Heat of Combustion (ΔHc)	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- Non-reactive under normal handling and storage conditions.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Exposure to excessive heat.

Incompatible materials

- Aluminum, Steel and Zinc.

Hazardous decomposition products

- Thermal decomposition may produce oxides of nitrogen and ammonia.

Section 11 - Toxicological Information**Information on toxicological effects**

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Carcinogenicity 2
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Mild Irritation 2B

Potential Health Effects**Inhalation**

- Acute (Immediate)** ● May cause irritation.
- Chronic (Delayed)** ● No data available

Skin

- Acute (Immediate)** ● Causes skin irritation.
- Chronic (Delayed)** ● No data available

Eye

- Acute (Immediate)** ● Causes eye irritation.

- Chronic (Delayed)** ● No data available
- Ingestion**
- Acute (Immediate)** ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** ● No data available
- Carcinogenic Effects** ● Repeated ingestion of Nitrilotriacetic acid may cause cancer.

Section 12 - Ecological Information

Toxicity

- No data available

Persistence and degradability

- No data available.

Bioaccumulative potential

- No data available.

Mobility in Soil

- No data available.

Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

Waste treatment methods

- Product waste** ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste** ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	N/A	Not Regulated	N/A	N/A	N/A
IMO/IMDG	N/A	Not Regulated	N/A	N/A	N/A
IATA/ICAO	N/A	Not Regulated	N/A	N/A	N/A

- Special precautions for user** ● None specified.
- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** ● No data available
- Other information**

IMO/IMDG ● No data available

IATA/ICAO ● No data available

Key to abbreviations

N/A = Not applicable.

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Chronic, SARA Title III Section 313

FIFRA – Pesticide Labeling

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. The pesticide label also includes other important information, including directions for use.

CAUTION

Precautionary Statements • KEEP OUT OF THE REACH OF CHILDREN.

Hazards to Humans and Domestic Animals • HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes slight eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated contact may cause allergic reaction in some individuals.

First Aid • IF IN EYES • 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 further treatment advice.

Environmental Hazards • To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street back onto the treated area of the lawn or garden will help to prevent runoff to water bodies or drainage systems.

Inventory		
Component	CAS	TSCA
Acetic acid, nitrilotri-	139-13-9	Yes
Sodium nitrate	7631-99-4	Yes

United States

Environment

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Sodium nitrate	7631-99-4	Not Listed
• Acetic acid, nitrilotri-	139-13-9	0.1 % de minimis concentration

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Sodium nitrate	7631-99-4	Not Listed
• Acetic acid, nitrilotri-	139-13-9	carcinogen, initial date 1/1/88

Section 16 - Other Information

Last Revision Date • 17/February/2015

Preparation Date

- 17/February/2015

Disclaimer/Statement of Liability

- The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.
-