

SAFETY DATA SHEET

1. Identification

Product Identifier

Trade name: Dandelion Doom Concentrate

EPA Reg. Number: 67702-26-93737

Details of the supplier of the safety data sheet

Distributor:

This Land Inc. (D.B.A. Sunday)

1434 Spruce St. Suite 100

Boulder, CO 80302

Emergency Phone Number: 1-800-858-7378

2. Hazard Identification

Classification of the substance or mixture

GHS – US Classification

Sensitization, skin Cat. 1 H317

Serious eye damage/irritation Cat. 2B H320

Acute toxicity, inhalation Cat. 5 H333

Signal Word: Warning

Hazard Statements:

H317 May cause an allergic skin reaction

H320 Causes eye irritation

H333 May be harmful if inhaled

Pictograms:



Precautionary Statements (Prevention):

P261	Avoid breathing spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves.

Precautionary Statements (Response):

P302 + P352	If on skin: Wash with plenty of soap and water.
P304 + P312	If inhaled: Call a Poison Center or doctor/physician if you feel unwell.
P305 + P351 + P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see section 4 of SDS)
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.

Precautionary Statements (Storage):

P403 + P235	Store in a well-ventilated place. Keep cool.
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Precautionary Statements (Disposal):

P501	Dispose of contents/container to hazardous to special waste collection point.
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3. Composition/information on ingredients

Chemical characterization: Mixture

Hazardous Components		
<u>Components</u>	<u>% (w/w)</u>	<u>Hazard Information</u>
Sodium Nitrate (CAS Reg. no. 7631-99-4)	19 - 21	Oxidant, Irritant
Nitrilotriacetic Acid (CAS Reg. No. 139-13-9)	0.5 – 0.8	Toxic

4. First-Aid Measure

Description of first aid measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and was before reuse. 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: Do not induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

Most important symptoms and effects, both acute and delayed

No further relevant information available

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

5. Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media: Regular foam, carbon dioxide, dry chemical, water.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear appropriate protective equipment. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions: Avoid run off to waterways and sewers

Methods and material for containment and cleaning up

Containment/Clean-Up Measures: Stop leak if can do it without risk. Absorb or cover with dry earth, sand or other absorbent materials and transfer to containers. .

7. Handling and Storage

Precautions for safe handling

Handling: No special precautions are necessary if used correctly.

Conditions for safe storage, including any incompatibilities

Storage: Store in ambient temperature, well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Materials: Aluminum, Zinc, Steel.

8. Exposure Controls/Personal Protection

Control Parameters

Components with limited values that require monitoring at the workplace: Not required.

Exposure controls

Personal Protective Equipment



Pictograms:

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face: Wear safety goggles

Hands: Wear protective gloves

Skin/Body: Where extensive dermal exposure may be expected, either a chemical suit or a chemical apron will be needed.

General Industrial Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls: Follow best practice for site management and disposal of waste. Avoid release to the environment.

9. Physical and Chemical Properties

Appearance: Dark red liquid

Odor: Slight ammonia smell

pH: 6.50 ± 1.50

Boiling Point: Not determined

Melting Point: Not determined

Flash Point: Non combustible

Flammability: Product is not flammable

Decomposition Temperature: Not determined

Heat of Decomposition: Not determined

Danger of Explosion: Product does not present an explosion hazard

Upper explosion limits: Not determined

Lower explosion limits: Not determined

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Evaporation Rate: Not applicable

Density @ 20°C (68°F): 1.39 ± 0.03 g/mL

Water Solubility: Soluble

Partition coefficient (n-octanol/water): Not determined

Viscosity: 7 ± 3 cPs (Brookfield LVF)

10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions: No dangerous reactions known.

Conditions to avoid: Exposure to excessive heat.

Incompatible Materials: Aluminum, Zinc, Steel

Hazardous Decomposition Products: NH_3 , NO_x

11. Toxicological Information

Information on toxicological effects

Acute toxicity: LD_{50} (oral) (rat) >5000 mg/kg; LD_{50} (dermal) >5000 mg/kg

Routes of Entry

Skin: May cause an allergic skin reaction.

Eyes: Causes eye irritation.

Ingestion: None identified.

Inhalation: May be harmful if inhaled.

Carcinogenic Categories

IARC (International Agency for Research on Cancer):

Group 2B: Possibly carcinogenic to humans – Nitrilotriacetic acid (CAS. No. 139-13-9)

OSHA (Occupational Safety and Health Administration):

No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

NTP (National Toxicology Program):

Reasonable anticipated to be a human carcinogen – Nitrilotriacetic acid (CAS No. 139-13-9)

12. Ecological Information

Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other Adverse Effects: No studies have been found

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

14. Transport Information

DOT Classification: Not regulated by US DOT Highway regulations.

U.S. Surface Freight Classification: NMFC item 155050, LTL Class: 70 Herbicide or NMFC item 50320 Sub 2, LTL Class 60

UN Number: Non-Hazardous. Not regulated.

IMDG Class (sea): Non-Hazardous. Not regulated.

IATA Class (air): Non-Hazardous. Not regulated.

Marine Pollutant: No.

Packing Group: Not regulated.

Hazard Label(s): Non-Hazardous. Not regulated.

ADR Class (road): Not regulated.

Proper Shipping Name(s): Not regulated.

Reportable Quantity: None

15. Regulatory Information

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA: N/A

Section 355 (Extremely Hazardous Substance): Substance is not listed.

Section 313 (Specific Toxic Chemical Listings): Substance is not listed.

TSCA (Toxic Substance Control Act): Substance is not listed.

Proposition 65

Chemicals Known to Cause Cancer: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Females: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Males: Substance is not listed.

Chemicals Known to Cause Developmental Toxicity: Substance is not listed.

National Regulations: Substance is not listed.

State Right to Know: Substance is not listed.

The Proposition 65 warning threshold is 100ug/day for Nitrilotriacetic acid (CAS. No. 139-13-9). A third-party exposure assessment study was requisitioned by the manufacturer and concluded that even for the most susceptible portion of the population (i.e., small children crawling on treated lawns) and the highest application rate and lowest reapplication intervals, the exposure level was below the threshold for Proposition 65 label warning.

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the 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, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

PRECAUTIONARY STATEMENTS

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 before eating, drinking, chewing gum or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

16. Other Information

Last Revision Date: October 4, 2023

Preparation Date: December 1, 2014

Disclaimer/Statement of Liability: The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.