



Wizard's Brew Root Drench Safety Data Sheet



1 Identification

Product identifier

- **Trade name:** Wizard's Brew Root Drench
- **Product code:** No other identifiers
- **Synonyms:** Wizard's Brew
Root Drench

Recommended use and restriction on use

- **Recommended use:**
Pesticide.
Fungicide.
- **Restrictions on use:** No relevant information available.

Details of the supplier of the Safety Data Sheet

- **Manufacturer/Supplier:**
Wizard's Brew LLC
2901 Walnut Street
Denver, CO 80205
Phone: 720-899-5859
- **Emergency telephone number:** 720-899-5859
- **Poison Control Services:** 1-800-222-1222

2 Hazard(s) Identification

Classification of the substance or mixture

Skin Sens. 1 | H317 May cause an allergic skin reaction.

Label elements

- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
H317 May cause an allergic skin reaction.
- **Precautionary statements:**
P260 Do not breathe mist/vapors/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves.
P302+P352 If on skin: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Components:**

151-21-3	sodium dodecyl sulfate  Eye Dam. 1, H318  Acute Tox. 4, H302; Skin Irrit. 2, H315	<3%
68990-83-0	Rosemary oil  Flam. Liq. 3, H226  STOT SE 2, H371; Asp. Tox. 1, H304  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317	<1%
8007-02-1	Texas cedarwood oil  Asp. Tox. 1, H304	<3%
8001-79-4	Castor Oil	<10%

- **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.
 For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

Description of first aid measures

- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water.
If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:**
Allergic reactions
May cause gastro-intestinal irritation if ingested.
- **Danger:**
Sensitizing effect by skin contact is possible with prolonged exposure.
- **Indication of any immediate medical attention and special treatment needed:**
Medical supervision for at least 48 hours.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
Contains Rosemary oil. May produce an allergic reaction.
If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

Extinguishing media

- **Suitable extinguishing agents:**

- Foam
- Carbon dioxide
- Fire-extinguishing powder
- Gaseous extinguishing agents
- Water fog / haze

- **For safety reasons unsuitable extinguishing agents:**

- Water stream.

- **Special hazards arising from the substance or mixture:**

- Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

- **Protective equipment:**

- Wear self-contained respiratory protective device.
- Wear fully protective suit.

4 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

- Wear protective equipment. Keep unprotected persons away.
- Ensure adequate ventilation.
- For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

- **Environmental precautions**

- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Methods and material for containment and cleaning up**

- Wipe up small spills with paper towel and discard.
- For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.
- Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

5 Handling and storage

Handling

- **Precautions for safe handling:**

- Prevent formation of aerosols.
- Avoid splashes or spray in enclosed areas.
- Use only in well ventilated areas.

- **Information about protection against explosions and fires:**

- No special measures required.

Conditions for safe storage, including any incompatibilities

- **Requirements to be met by storerooms and receptacles:**

- Store in a well-ventilated place. Keep cool.



- **Information about storage in one common storage facility:**
Store away from foodstuffs.
- **Further information about storage conditions:**
Keep containers tightly sealed.
- **Specific end use(s):**
No relevant information available

8 Exposure controls/personal protection

Control parameters

- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls

- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Engineering controls:**
Provide adequate ventilation.
- **Breathing equipment:**
Not required under normal conditions of use.
- **Protection of hands:**
 Protective gloves
- **Material of gloves:**
Nitrile rubber, NBR
Butyl rubber, BR
Neoprene gloves
Natural rubber, NR
Sensibilization by the components in the glove materials is possible.
- **Eye protection:**
 Safety glasses
Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:**
Protective work clothing
- **Limitation and supervision of exposure into the environment:**
No relevant information available.
- **Risk management measures:**
No relevant information available.

9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	
Form	Liquid
Color	Off-White
pH-Value	4.1
Melting Point/Melting Range	Not determined.
Boiling Point/Boiling Range	Not determined.
Flash Point	The product is not flammable.
Odor	Pleasant
Odor Threshold	Not determined.
Flammability (solid, gaseous)	Not applicable.
Auto-Ignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Danger of Explosion	Product does not present an explosion hazard,
Explosion Limits	
Lower	Not determined.
Upper	Not determined.
Oxidizing Properties	Non-oxidizing.
Vapor Pressure	Not determined.
Density at 20 °C (68 °F)	1.1 g/cm ³ (9.18 lbs/gal)
Relative Density	Not determined.
Vapor Density	Not determined.
Evaporation Rate	Not determined.
Solubility in/Miscibility with Water	Fully miscible.
Partition Coefficient (n-octanol/water)	Not determined.
Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.
Other Information	No relevant information available.

10 Stability and Reactivity

Reactivity

- **Chemical stability:**
 Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
 No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions:**
 Toxic fumes may be released if heated above the decomposition point.
 Reacts with strong oxidizing agents.

- **Conditions to avoid:**
No relevant information available.
- **Incompatible materials:**
Oxidizers
- **Hazardous decomposition products**
Under fire conditions only - Carbon monoxide and carbon dioxide

II Toxicological information

Information on toxicological effects

- **Acute toxicity:**
Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**
ATE (Acute Toxicity Estimate)
Oral | LD50 | >>26000 mg/kg (rat)

8001-79-4 Castor oil
Oral | LD50 | >4952 mg/kg (rat)

151-21-3 Sodium dodecyl sulphate
Oral | LD50 | 1288 mg/kg (rat)
- **Primary irritant effect:**
On the skin: Based on available data, the classification criteria are not met.
On the eye: Causes eye irritation.
Sensitization: Sensitization possible through skin contact.
- **Carcinogenic categories:**
IARC (International Agency for Research on Cancer):
None of the ingredients are listed.

NTP (National Toxicology Program):
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.
- **Probable route(s) of exposure:**
Ingestion.
Inhalation.
Eye contact.
Skin contact.
- **Acute effects (acute toxicity, irritation and corrosivity):**
From product as supplied: None.
- **Repeated dose toxicity:**
Sensitizing effect by skin contact is possible with prolonged exposure.
- **Germ cell mutagenicity:**
Based on available data, the classification criteria are not met.
- **Carcinogenicity:**
Based on available data, the classification criteria are not met.
- **Reproductive toxicity:**
Based on available data, the classification criteria are not met.
- **STOT-single exposure:**
Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:**
Based on available data, the classification criteria are not met.
- **Aspiration hazard:**
Based on available data, the classification criteria are not met.

12 Ecological information

Toxicity

- **Aquatic toxicity**
Harmful to aquatic life with long lasting effects.

Persistence and degradability

- No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.

Additional ecological information

- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects:**
No relevant information available.

13 Disposal Considerations

Waste treatment methods

- **Recommendation:**
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packagings

- **Recommendation:**
Disposal must be made according to official regulations.

14 Transport information

UN-Number

- **DOT, ADR/RID/ADN, IMDG, IATA**
Not regulated.

UN proper shipping name

- **DOT, ADR/RID/ADN, IMDG, IATA**
Not regulated.

Transport hazard class(es)

- **DOT, ADR/RID/ADN, IMDG, IATA**
Class Not regulated.

Packing group

- **DOT, ADR/RID/ADN, IMDG, IATA**
Not regulated.

Environmental hazards

Not applicable.

Special precautions for user

Not applicable.

Transport in bulk according to

- Annex II of MARPOL73/78 and the IBC Code
Not applicable.

14 Transport information

UN-Number

- DOT, ADR/RID/ADN, IMDG, IATA
Not regulated.

UN proper shipping name

- DOT, ADR/RID/ADN, IMDG, IATA
Not regulated.

Transport hazard classes

- DOT, ADR/RID/ADN, IMDG, IATA
Class Not regulated.

Packing group

- DOT, ADR/RID/ADN, IMDG, IATA
Not regulated.

Environmental hazards

Not applicable.

Special precautions for user

Not applicable.

Transport in bulk according to

- Annex II of MARPOL73/78 and the IBC Code
Not applicable.

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture - USA (United States)

• SARA

Section 302 (extremely hazardous substances)	None of the ingredients are listed.
Section 355 (extremely hazardous substances)	None of the ingredients are listed.
Section 313 (Specific toxic chemical listings)	None of the ingredients are listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed or exempt.

• Proposition 65 (California)	
Chemicals known to cause cancer	None of the ingredients are listed.
Chemicals known to cause developmental toxicity for females	None of the ingredients are listed.
Chemicals known to cause developmental toxicity for males	None of the ingredients are listed.
Chemicals known to cause developmental toxicity	None of the ingredients are listed.
• EPA (Environmental Protection Agency): None of the ingredients are listed.	
• IARC (International Agency for Research on Cancer): None of the ingredients are listed.	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Relevant phrases

- H226 Flammable liquid and vapor.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H335 May cause respiratory irritation.
- H371 May cause damage to organs.

• Abbreviations and acronyms:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Flam. Liq. 3: Flammable liquids - Category 3
- Flam. Liq. 4: Flammable liquids - Category 4
- Acute Tox. 3: Acute toxicity - Category 3
- Acute Tox. 4: Acute toxicity - Category 4
- Acute Tox. 1: Acute toxicity - Category 1
- Skin Corr. 1A: Skin corrosion/irritation - Category 1A
- Skin Irrit. 2: Skin corrosion/irritation - Category 2
- Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A
Skin Sens. 1: Skin sensitisation - Category 1
Skin Sens. 1A: Skin sensitisation - Category 1A
Skin Sens. 1B: Skin sensitisation - Category 1B
Muta. 2: Germ cell mutagenicity - Category 2
Carc. 1B: Carcinogenicity - Category 1B