Bonide Captain Jack's Lawnweed Brew Concentrate

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Bonide Captain Jack's Lawnweed Brew Concentrate

Product code : 67702264

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

Use of the substance/mixture : Herbicide

1.3. Details of the supplier of the safety data sheet

Bonide Products, LLC
6301 Sutliff Road
Oriskany, NY 13424

Telephone Number: (315) 736-8231
Comment: Bonide hours of operation are 8:00 a.m. to 4:30 p.m EST.

Website: www.bonide.com

Email address: sales@bonide.com

1.4. Emergency telephone numbers (24 hour)

Medical : SafetyCall - (833) 972-1101

Spills : CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Acute toxicity, oral 5	H303
Acute toxicity, dermal 5	H313
Skin sensitisation 1B	H317
Eye Irritation 2B	H320
Acute toxicity, inhalation 5	H333

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) :
H303 - Maybe harmful if swallowed
H313 - Maybe harmful in contact with skin
H317 - May cause an allergic skin reaction
H320 - Causes eye irritation
H333 - May be harmful if inhaled

Precautionary statements (GHS-US) :
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317 - IF SWALLOWED: Get medical help.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P333+P317 - If skin irritation or rash occurs: Get medical advice.
P321 - Specific treatment see on the label
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P317 - If eye irritation persists: Get medical help.
P304+P317 - IF INHALED: Get medical help.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container to in accordance with local/national regulations

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
Sodium Nitrate	(CAS No) 7631-99-4	19 - 21
Nitriliotriacetic acid	(CAS No) 139-13-9	0.5 - 0.8

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the person to rest. Administer oxygen if breathing is difficult. Give artificial respiration if person is not breathing.

First-aid measures after skin contact : 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.

First-aid measures after eye contact : Rinse immediately with plenty of water. Remove contact lenses if present and easy to do. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : No special precautions are necessary if used correctly.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not required

8.2. Exposure controls

Personal protective equipment	:	Avoid all unnecessary exposure. Where extensive dermal exposure may be expected, either a chemical suit or a chemical apron will be needed.
Hand protection	:	Wear protective gloves.
Eye protection	:	Chemical goggles.
Respiratory protection	:	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.
Other information	:	When using, do not eat, drink or smoke. Wash thoroughly with soap and water after handling and before eating, or drinking. Handle in accordance with good industrial hygiene and safety practice. Safety shower and eye wash should be available close to work areas.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Dark red
Odor	:	Slightly ammonia smell
pH	:	6.50 $\pm$ 1.5
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	Non combustible
Self ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not flammable
Vapor pressure	:	Not applicable
Density @ 20°C (68°F)	:	1.39 $\pm$ 0.03 g/mL
Solubility	:	Soluble
Viscosity	:	7 $\pm$ 3 cPs (Brookfield LVF)
Explosive properties	:	None
Oxidizing properties	:	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Excessive heat.

10.5. Incompatible materials

Aluminum, Zinc, Steel.

10.6. Hazardous decomposition products

NH3 (Ammonia), Nox (oxides of nitrogen)

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Skin: May be harmful in contact with skin. May cause an allergic reaction to skin.
Eyes: Causes eye irritation.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled.

Bonide Captain Jack's Lawnweed Brew Concentrate	
LD50 oral rat	< 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg

Germ cell mutagenicity : Not classified

Carcinogenicity : 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)

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Not regulated for transport by DOT

SECTION 15: Regulatory information

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 for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

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 skin contact may cause allergic reactions in some individuals.

SECTION 16: Other information

Other information : None.

SDS US (GHS HazCom 2012) - Pesticides

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.