

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • Ironite Liquid Lawn & Garden Spray 7-0-1 with 1% Iron

Synonyms • 0-21496-01649-8; 100525937

Product Description • Dark brown liquid.

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

Recommended use • Lawn and plant liquid fertilizer.

Restrictions on use •
KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin and eyes. Avoid inhalation of vapors or fumes.

Details of the supplier of the safety data sheet

Manufacturer • Central Garden & Pet, Garden Division
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339
United States

www.pennington.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 • Skin Irritation 2
Eye Irritation 2A
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation

Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes skin irritation

Causes serious eye irritation
May cause respiratory irritation

Precautionary statements

- Prevention** • Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Use only outdoors or in a well-ventilated area.
Avoid breathing dust, fume, gas, mist, vapors and/or spray.
- Response** • IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
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 INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
- 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	%
Potassium nitrate	CAS:7757-79-1	2.3%
Iron glucoheptonate	NDA	16.7%
Zinc glucoheptonate	NDA	0.7%
Manganese glucoheptonate	CAS:	4%
Urea triazone	CAS:7098-14-8	19.5%
Urea	CAS:57-13-6	4%
Citric acid	CAS:77-92-9	0.5%
Water and inert fertilizer salts	NDA	Balance

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor for further treatment advice.

- **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** IF SWALLOWED: Call a poison control center or doctor for treatment advice. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

- Skin irritation; eye irritation; upper respiratory tract 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 appropriate extinguishing media for surrounding fire.

- Unsuitable Extinguishing Media**
- Avoid heavy hose streams.

- Firefighting Procedures**
- No data available.

Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- None known.

- Hazardous Combustion Products**
- May decompose upon heating to produce toxic gases or fumes.

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**
- Avoid breathing fumes. Avoid contact with skin, eyes, and clothing. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE).

- Emergency Procedures**
- Wear appropriate personal protective equipment (PPE). Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

Environmental precautions

- Do NOT wash away into sewer.

Methods and material for containment and cleaning up

- Containment/Clean-up**
- SMALL SPILLS: Take up with sand or other non-combustible absorbent material and

Measures place into containers for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Wash hands thoroughly with soap and water after handling. Avoid contact with skin or eyes. Read label before use.

Conditions for safe storage, including any incompatibilities

Storage

- Keep only in the original container. Keep container closed when not in use. Avoid extreme temperatures.

Incompatible Materials or Ignition Sources

- No data available.

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, use NIOSH approved respiratory protection.

Eye/Face

- Wear safety glasses.

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

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Dark brown liquid.
Color	Dark brown.	Odor	Sweet
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	6.5 to 7
Specific Gravity/Relative Density	= 1.13 Water=1	Bulk Density	9.4 lb(s)/ft ³

Water Solubility	No data available	Viscosity	Non viscous
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Flame Duration	No data available
Flammability (solid, gas)	Not relevant.		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reactions known under conditions of normal use.

Chemical stability

- Stable

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- No data available.

Incompatible materials

- No data available.

Hazardous decomposition products

- Thermal decomposition may produce toxic gases.

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2A
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
STOT-RE	OSHA HCS 2012 • Classification criteria not met

Route(s) of entry/exposure • Inhalation, Ingestion, Eyes, and Skin

Potential Health Effects

Inhalation

Acute (Immediate) • May cause respiratory irritation.

Chronic (Delayed) • No data available.

Skin

Acute (Immediate) • Causes skin irritation.

Chronic (Delayed) • No data available

Eye

Acute (Immediate) • Causes serious eye irritation.

Chronic (Delayed) • No data available.

Ingestion

Acute (Immediate) •
Ingestion of large amounts of this material may cause gastrointestinal irritation, nausea, vomiting.

Chronic (Delayed) • No data available.

Mutagenic Effects • Not classified.

Carcinogenic Effects • No component of this product present at 0.1% or greater is listed by IARC, OSHA or NTP.

Reproductive Effects • Not classified.

Section 12 - Ecological Information

Toxicity

• No data available

Persistence and degradability

• Product is biodegradable.

Bioaccumulative potential

• Does not bioaccumulate.

Mobility in Soil

• No data available

Other adverse effects

Potential Environmental Effects • No data available.

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	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Acute

Inventory		
Component	CAS	TSCA
Urea triazone	7098-14-8	Yes
Citric acid	77-92-9	Yes
Potassium nitrate	7757-79-1	Yes
Urea	57-13-6	Yes

Section 16 - Other Information

Revision Date • 17/August/2016

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Disclaimer/Statement of Liability •

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