Section 1: Identification

1.1 Product identifier

Product Form: Two Part Mixture
Product Name: Oblitiroot
Product Code: 88810-1

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

Use of the substance/mixture: Kill and prevent tree roots in sewer lines

1.3 Details of the supplier of the safety data sheet

Olvidium, Inc.
2338 23rd St.
Columbus, NE 68601
(P) (402) 835-4814 **(E) oblitiroot@olvidium.com**

1.4 Emergency telephone number

Poison control center: 1-800-222-1222

Section 2: Hazards Identification

2.1 Classification of the substance of mixture

H314	Skin Corr. 1C
H318	Eye Dam. 1

2.2 Label elements

Hazard pictograms

GHS05

Signal word (Part B)	Danger
Hazard statements	H314 – Causes sever skin burns and eye damage
Precautionary statements	P260 – Do not breath dust P264 – Wash exposed skin thoroughly after handling P280 – Wear protective gloves, eye protection, protective clothing P301+P330+P331 – IF SWALLOWED: rinse mouth. DO NOT induce vomiting P303+P361+P353 – IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing
P310 – Immediately call a poison center/doctor
P363 – Wash contaminated clothing before reuse

2.3 Other hazards

There are no other hazards contributing to the classification.

Section 3: Composition / information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

Name	CAS	%
Sulfamic Acid	5329-14-6	30-40%
2,6-dichlorobenzonitrile	1194-65-6	1.5%

Pursuant to 29CFR 1910.1200(i) the specific composition is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

Section 4: First aid measures

4.1 Description of first aid measures

First-aid measures general:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

First-aid measures after inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service. Doctor: administration of corticoid spray.

First-aid measures after skin contact:

Wash immediately with lots of water. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists.

First-aid measures after eye contact:

Rinse immediately with plenty of water. Take victim to an ophthalmologist if irritation persists.

First-aid measures after ingestion:

Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Call Poison Control Center. Consult a doctor/medical service if you feel unwell. Ingestion of large quantities: immediately to hospital. Do not give chemical antidote.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation:

Dry/sore throat. Coughing. ON CONTINUOUS EXPOSURE/CONTACT: Respiratory difficulties. Corrosion of the upper respiratory tract.

Symptoms/injuries after skin contact:

Tingling/irritation of the skin. ON CONTINUOUS EXPOSURE/CONTACT: Caustic burns/corrosion of the skin.

Symptoms/injuries after eye contact:

Irritation of the eye tissue. ON CONTINUOUS EXPOSURE/CONTACT: Corrosion of the eye tissue.

Symptoms/injuries after ingestion:

Nausea. Vomiting. Abdominal pain. Diarrhoea. Chronic symptoms : No effects known.

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:

Use fire-extinguishing media appropriate for surrounding materials. Dry chemical, foam, carbon dioxide.

Unsuitable extinguishing media:

Do not use heavy water stream

5.2 Special hazards arising from the substance or mixture

Fire hazard:

DIRECT FIRE HAZARD. Non combustible. INDIRECT FIRE HAZARD. Reactions involving a fire hazard: see "Reactivity Hazard".

Explosion hazard:

INDIRECT EXPLOSION HAZARD. Reactions with explosion hazards: see "Reactivity Hazard".

Reactivity Hazard:

Decomposes slowly on exposure to water (moisture): release of corrosive products. This reaction is accelerated on exposure to temperature rise. Reacts on exposure to water (moisture) with (some) metals: release of highly flammable gases/vapours (hydrogen). On burning: release of toxic and corrosive gases/vapours (nitrous vapours, sulphur oxides). Reacts violently with (strong) oxidizers. Reacts exothermically with (some) bases.

5.3 Advice for firefighters

Protective equipment for firefighters:

Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

Other information:

This product may cause the floor to become slippery.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures

Avoid inhalation of dust and vapors. Avoid contact with skin and eyes. Provide adequate ventilation.

Protective equipment

Gloves. Face-shield. Protective clothing. Dust cloud production: compressed air/oxygen apparatus. Dust cloud production: dust-tight suit. See "Material-Handling" to select protective clothing.

6.2 Environmental precautions

Avoid exposing to water where fish are present.

6.3 Methods and material for containment and clean up

Soak up spills with inert solids, such as clay or diatomaceous earth.
Collect into vapor tight containers and dispose of properly.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Avoid raising dust. Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in accordance with local regulations. Store in original container in a cool well ventilated place. Keep containers tightly closed until ready for use.

Incompatible materials

Prolonged exposure to metals

Storage temperature

Store in a cool dry environment away from sources of ignition

Section 8: Exposure Control/Personal Protection

8.1 Control parameters

Not applicable

8.2 Exposure controls

Skin protection

Chemical resistant gloves and appropriate protective clothing are recommended. Wash exposed skin after use. Contaminated clothing should be washed before reuse.

Respiratory *protection*

General ventilation is normally sufficient. If ventilation is insufficient an appropriate respirator is recommended.

Eye and face protection

Chemical goggles are required.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Light yellow foam (prior to mixing, part a: light yellow thick liquid, part b is a white powder)
Odor	Slight chemical aroma
Odor threshold	No data available
PH	6.67 (as a 1% w/w solution)
Melting point	No data available
Freezing point	No data available
Flash point	No data available
Boiling point	>100°C
Evaporation rate	Negligible
Vapor density	>1
Vapor pressure	<1
Specific gravity	.826 (20°C)
Solubility	Soluble in water
Viscosity	2305.91 2 (20°C) 1603.91 2 (40°C)

Section 10: Stability and reactivity

10.1 Reactivity

Reacts with monoammonium and potassium permanganate.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Extreme high or low temperatures

10.5 Incompatible materials

Strong alkalis, strong oxidizing substances, metabisulfite salts

10.6 Hazardous decomposition products

Oxides of nitrogen, sulphur

Section 11: Toxicology information

11.1 Information on toxicological effects

Mixture – Part A and Part B

Likely routes of exposure	Skin and eye contact, inhilation
Acute oral toxicity, rat:	LD_{50} > 5000 mg/kg (maximum tested)
Acute dermal toxicity, rat:	LD_{50} > 5000 mg/kg (maximum tested)
Acute inhalation, rat:	LC_{50} > 2.67 mg/L (maximum attainable)
Primary eye irritation, rabbit:	minimally irritating (all rabbits free of ocular irritation in 48 hours)
Primary skin irritation, rabbit:	slightly irritating (all rabbits free of dermal irritation within 72 hours)
Dermal sensitization, guinea pigs:	not considered to be a contact sensitizer
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Chronic symptoms:	No effects known

Sulfamic Acid – Part B

Symptoms/injuries after inhalation:	Dry/sore throat. Coughing. ON CONTINUOUS EXPOSURE/CONTACT: Respiratory difficulties. Corrosion of the upper respiratory tract.
Symptoms/injuries after skin contact:	Tingling/irritation of the skin. ON CONTINUOUS EXPOSURE/CONTACT: Caustic burns/corrosion of the skin.

Symptoms/injuries after eye contact:	Irritation of the eye tissue. ON CONTINUOUS EXPOSURE/CONTACT: Corrosion of the eye tissue.
Symptoms/injuries after ingestion:	Nausea. Vomiting. Abdominal pain. Diarrhoea. Chronic symptoms : No effects known.

Section 12: Ecological Information

12.1 Ecotoxicity

This product is harmful to fishes, invertebrates and algae.

12.2 Persistence and degradability

This product is readily biodegradable.

12.3 Bioaccumulative potential

Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Section 13: Disposal Considerations

13.1 Disposal methods

Dispose of this material according to applicable environmental regulations. All waste must be handled in accordance with local, state, and federal regulations.
If possible dispose of this product by using it according to the label directions.
Do not contaminate water, food, or feed by storage and disposal!

Section 14: Transport Information

14.1 DOT (49 CFR 172.101)

This section applies to Part B (sulfamic acid). Part A is not regulated by the DOT.

14.1.1 Transport document description

UN2967 Sulfamic acid, 8, III

14.1.2 UN-No.

UN2967

14.1.3 Proper shipping name

Sulfamic acid

14.1.4 Transport hazard classes

8 – Class 8 – Corrosive material 49 CFR 173.136

14.1.5 Packing group

III – Minor danger

14.1.6 Quantities

This product always has an inner container of less of 11 lbs. Consequently, 49 CFR 173.154 applies and this product is exempt from labeling requirements.

Section 15: Regulatory Information

15.1 TSCA Status

This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

15.2 Prop 65

None

15.3 Clean Air Act, Section 112

This product does not contain and HAPs (Hazardous Air Pollutants)

15.4 SARA 302 Extremely Hazardous Substances

No

15.5 SARA 311 Hazardous Substance

Yes

Section 16: Regulatory Information

16.1 Revision Date

8/7/2015

16.2 Disclaimer

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