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## Section 1 - Product and Company Identification

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### Product Identifiers:

<b>Product name:</b>	<b>Spectracide Pruning Seal</b>
<b>EPA reg. number:</b>	N/A
<b>Recommended product use:</b>	Pruning Seal Aerosol

### Details of the Supplier of the Safety Data Sheet:

<b>Manufacturer/Supplier:</b>	Spectrum Group Div. of United Industries Corp. P.O. Box 142642 St. Louis, MO 63114-0642
<b>For product information:</b>	1-800-917-5438
<b>For medical emergencies:</b>	1-800-633-2873

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## Section 2 - Hazards Identification

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Conforms to Hazard Communication Standard 29 CFR 1910.1200.

**GHS Classification of Substance or Mixture:** Flammable aerosol - Category 2

### GHS Label Elements:

Hazard pictogram(s):



Signal word:

WARNING

Hazard statements:

- Flammable aerosol
- Compressed gas – contents under pressure; may burst if heated
- May cause respiratory tract irritation. Vapors may cause drowsiness and dizziness. May be harmful if inhaled in excess.
- Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin.
- May cause eye irritation. Symptoms include stinging, tearing, redness and swelling of eyes.

### Precautionary Statements:

- Contents under pressure.
- Do not use or store near heat or open flame.
- Do not puncture or incinerate container.
- Exposure to temperatures above 120°F may cause bursting.
- Avoid breathing vapors. Use only outdoors. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.
- Wash hands thoroughly with soap and water after handling. Wear protective gloves. If on skin: Wash with plenty of 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.

### Section 3 - Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Propane	74-98-6	10-20%
Toluene	108-88-3	10-20%
2-Propanone	67-64-1	10-20%
Asphalt, oxidized	64742-93-4	10-20%
Stoddard solvent	8052-41-3	5-10%
Carbon black	1333-86-4	1-5%
Talc ( $Mg_3H_2(SiO_3)_4$ )	14807-96-6	1-5%
Quartz ( $SiO_2$ )	14808-60-7	<1%
Butane	106-97-8	1-5%

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specification(s).

### Section 4 - First Aid Measures

<b>Eye contact:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>Skin contact:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>Inhalation:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
<b>Ingestion:</b>	No special requirements
<b>Note to physician:</b>	None
<b>General advice:</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

### Section 5 - Fire Fighting Measures

<b>Flammable properties:</b>	Pressurized aerosol container; extremely flammable per flame project test. Flashpoint: -4°F (concentrate); -156°F (propellant) (Flaspoint method: estimated)
<b>NFPA classification:</b>	NFPA level 1 aerosol
<b>Suitable extinguishing media:</b>	Water fog, foam, CO <sub>2</sub> , dry chemical
<b>Unsuitable extinguishing media:</b>	Not available
<b>Specific hazards arising from the chemical:</b>	Contents under pressure – container may burst in heat of fire.

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<b>Protective equipment for firefighters:</b>	Firefighters should wear full protective clothing including self-contained breathing apparatus.
<b>Hazardous combustion products:</b>	None known
<b>Explosion data:</b>	Not available
<b>Sensitivity to static discharge:</b>	Not available
<b>Personal precautions:</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material.

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## **Section 6 - Accidental Release Measures**

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<b>Personnel precautions:</b>	Remove all sources of ignition. Wear personnel protective equipment as recommended in Section 8. Wash thoroughly after handling.
<b>For emergency responders:</b>	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
<b>Environmental precautions:</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
<b>Methods for containment and cleaning up:</b>	Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

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## **Section 7 - Handling and Storage**

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<b>Precautions for safe handling:</b>	Put on appropriate personal protective equipment as recommended in Section 8. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not pierce or burn, even after use. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.
<b>Storage:</b>	Store in a cool, dry area away from open flame. Do not store above 50°C (122°F).

### Section 8 - Exposure Controls / Personal Protection

**Exposure guidelines:**

		Exposure Limits					
		OSHA PEL		ACGIH TLV		Other	
Chemical name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propane	TWA	Not established		1000	-----	Not listed	
Toluene	TWA	200	-----	50 (skin)	-----	150 STEL (skin)	-----
2-Propanone	TWA	750	1800	500	-----	250 (NIOSH)	590 (NIOSH)
Asphalt, oxidized	TWA	-----	5 (oil mist)	-----	0.5 (fume)	-----	5 (oil mist) REL
Stoddard solvent	TWA	Not established		100	-----	-----	350 REL
Carbon black	TWA	-----	3.50	-----	3.50	Not listed	
Talc	TWA	-----	2 (respirable dust)	-----	2 (respirable)	Not listed	
Quartz	TWA	-----	0.1 (respirable dust)	-----	0.025 (respirable)	Not listed	
Butane	TWA	Not established		-----	800	Not listed	

**Engineering controls:**

General ventilation normally adequate.

**Personal protective equipment:**

**Eye/Face protection:**

During application, prevent entry into eyes. Wear safety glasses with side shields if using in large applications.

**Skin and body protection:**

Wash hands after application.

**Respiratory protection:**

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations:**

Handle in accordance with good industrial hygiene and safety practices. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

### Section 9 - Physical & Chemical Properties

**Appearance:**

Opaque

**Color:**

Black

**Physical state:**

Pressurized liquid

**Odor:**

Solvent

**Odor threshold:**

No data available

**pH:**

No data available

**Melting point:**

No data available

**Freezing point:**

No data available

**Boiling point:**

No data available

**Flash point:**

-4°F (concentrate); -156°F (propellant)

**Flame extension**

No data available

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<b>Flammability limits in air, lower, % by volume:</b>	No data available
<b>Flammability limits in air, upper, % by volume:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Relative density @ 20°C:</b>	1.04 – 1.06
<b>Octanol/water coefficient:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Solubility:</b>	Insoluble in water
<b>Evaporation rate:</b>	No data available
<b>% Volatile organic compounds:</b>	39.7

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### Section 10 - Chemical Stability & Reactivity Information

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#### Reactivity

<b>Conditions to avoid:</b>	Heat, sparks, open flames and temperatures above 120°F.
<b>Incompatible materials:</b>	Avoid strong oxidizers.

#### Chemical stability

<b>Product stability:</b>	Stable under normal storage conditions.
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#### Other

<b>Hazardous decomposition products:</b>	CO, CO <sub>2</sub> and hydrocarbons
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.

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### Section 11 - Toxicological Information

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<b>Primary eye irritation:</b>	Not established
<b>Primary skin irritation:</b>	Not established
<b>Acute dermal:</b>	Not established
<b>Acute inhalation:</b>	Not established
<b>Acute oral:</b>	Not established
<b>Sensitization:</b>	Not established
<b>Chronic effects/ Carcinogenicity:</b>	Not established
<b>Mutagenicity:</b>	Not established
<b>Reproductive effects:</b>	Not established
<b>Teratogenicity:</b>	Not established
<b>Ecotoxicity:</b>	Not established

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### Section 12 - Ecological Information

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<b>Environmental effects:</b>	Not established
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<b>Aquatic toxicity:</b>	Not established
<b>Persistence / degradability:</b>	Not established
<b>Bioaccumulation / accumulation:</b>	Not established
<b>Partition coefficient:</b>	Not established
<b>Mobility in environmental media:</b>	Not established
<b>Chemical fate information:</b>	Not established

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### Section 13 - Disposal Considerations

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<b>Waste codes:</b>	Not available
<b>Disposal instructions:</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products:</b>	Not available
<b>Contaminated packaging:</b>	Not available

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### Section 14 - Transportation Information

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<b>U.S. Department of Transportation (DOT):</b>	UN-1950, Aerosols, Flammable, 2.1, Limited Quantity
<b>IATA:</b>	UN-1950, Aerosols, 2.1
<b>IMDG:</b>	UN-1950, Aerosols, Flammable, 2, Limited Quantity

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### Section 15 - Regulatory Information

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<b>29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA):</b>	No
<b>CERCLA (Superfund) reportable quantity:</b>	Not available

#### Hazard categories

##### Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

**Section 302 extremely hazardous Substance:** No

**Section 311 hazardous chemical:** No

**Clean Air Act (CAA):** Not available

**Clean Water Act (CWA):** Not available

**State regulations:**

Following is the hazard information as shown on the product label:

**Signal word:** CAUTION

**Precautionary statements:** Contents under pressure. Exposure to heat may cause bursting. Do not puncture or incinerate or store above 120°F. Avoid prolonged exposure to sunlight. Avoid breathing vapors or vapor mist. Contains petroleum distillates. If swallowed, do not induce vomiting. Call physician or poison control center immediately. Eye irritant. In case of contact with eyes, flush thoroughly with water.

**Notification status:** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Prop. 65:** This product contains a chemical known to the state of California to cause cancer, birth defects or any other reproductive harm.

**Disclaimer:** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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#### **Section 16 - Other Information**

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<b>HMIS ratings:</b>	Health Hazard 2	Flammability 4	Physical Hazard 0
<b>Item numbers:</b>	HG-5900		
<b>Formula number(s):</b>	21-0959		
<b>Issue date:</b>	3/9/2016		
<b>Prepared by:</b>	Spectrum Group Division of United Industries Corp. P.O. Box 142642 St. Louis, MO 63114-0642 (800) 242-1166		