Section 1 - Product and Company Identification

Product Identifiers:

Product Name: Spectracide Weed & Grass Killer Concentrate
EPA Registration Number: 9688-265-8845
Product Use: Herbicide Concentrate

Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier: Chemsico
Division of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114-0642

For product information or medical emergencies: 1-800-917-5438

Section 2 - Hazards Identification


GHS Classification of Substance or Mixture: Not classified as a physical hazard.

GHS Label Elements:

Hazard pictogram(s):
Signal word: WARNING
Hazard statements: • Causes skin irritation
• Causes eye irritation

Precautionary Statements:
• Wear chemical resistant gloves made out of waterproof material. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. If on skin: Wash with plenty of water. Call a poison control center or doctor if you feel unwell. Take off contaminated clothing and wash before reuse.
• Wear eye protection/face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.

Section 3 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Weight Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diquat dibromide</td>
<td>85-00-7</td>
<td>2.30%</td>
</tr>
<tr>
<td>Fluazifop-p-butyl</td>
<td>79241-46-6</td>
<td>1.15%</td>
</tr>
<tr>
<td>Dicamba</td>
<td>2300-66-5</td>
<td>0.77%</td>
</tr>
</tbody>
</table>

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.
Section 4 - First Aid Measures

Eye contact: 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.

Skin contact: 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.

Inhalation: No special requirements

Ingestion: No special requirements

Notes to physician: None

General advice: 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

Flammable properties: Not flammable by OSHA criteria.

Suitable extinguishing media: Water fog, foam, CO₂, dry chemical

Unsuitable extinguishing media: Not available

Specific hazards arising from the chemical: Container may melt and leak in heat of fire. Do not allow run-off from firefighting to enter drains or water courses.

Protective equipment for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.

Hazardous combustion products: None known

Sensitivity to mechanical impact: None known

Explosion data: Not available

Sensitivity to static discharge: Not available

Personal precautions: Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Section 6 - Accidental Release Measures

Personal precautions: Remove all sources of ignition. Wear personal protective equipment. Wash thoroughly after handling.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for containment and cleaning up: 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.

Section 7 - Handling and Storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Do not use near heat, open flame or any other ignition source. Take measures to prevent the buildup of electrostatic charge. Avoid contact with skin, eyes and clothing. Use an appropriate respirator when adequate ventilation is not available. Avoid breathing vapors or spray mists of the product.

Storage: Store product in a cool, dry place, out of reach of children. Keep container closed when not in use. Keep away from food, drink and animal feedingstuffs. Keep tightly closed. Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

Section 8 - Exposure Controls / Personal Protection

Exposure guidelines:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Supplier OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diquat dibromide</td>
<td>TWA</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Fluazifop-p-butyl</td>
<td>TWA</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Dicamba</td>
<td>TWA</td>
<td>Not established</td>
<td>------</td>
</tr>
</tbody>
</table>

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. Use protective gloves when using product.

Skin and body protection: Wear chemical resistant gloves made out of any waterproof material.

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 practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

Section 9 - Physical & Chemical Properties

Appearance: Clear
Color: Amber
Physical state: Liquid
Odor: Amine (slight)
Safety Data Sheet
Spectracide Weed & Grass Killer Concentrate

Odor threshold: No data available
pH: 6.0
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: >200°F
Evaporation rate: No data available
Flammability limits in air, lower, % by volume: No data available
Flammability limits in air, upper, % by volume: No data available
Vapor pressure: No data available
Vapor density: No data available
Relative density @ 20°C: 1.02
Octanol/water coefficient: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Solubility: Soluble in water
% Volatile organic compounds: 1 (as packaged)

Section 10 - Chemical Stability & Reactivity Information

Reactivity
Conditions to avoid: Do not mix with other chemicals.
Incompatible materials: Avoid strong oxidizers.

Chemical stability
Product stability: Stable under recommended storage conditions.

Other
Hazardous decomposition products: None known
Possibility of hazardous reactions: Hazardous polymerization does not occur.

Section 11 - Toxicological Information

Primary eye irritation: Causes moderate eye irritation (EPA tox. category III)
Primary skin irritation: Causes skin irritation (EPA tox. category II)
Acute dermal: LD₅₀ > 5000 mg/kg (EPA tox. category IV)
Acute inhalation: LC₅₀ > 2 mg/L (EPA tox. category IV)
Acute oral: LD₅₀ > 2000 mg/kg (EPA tox. category III)
Sensitization: Not a skin sensitizer.
Chronic effects: No data available
Carcinogenicity: No data available
Mutagenicity: No data available
Reproductive effects: No data available
Teratogenicity: No data available
Ecotoxicity: No data available

**Section 12 - Ecological Information**

Environmental effects: No data available
Aquatic toxicity: Toxic to aquatic organisms.
Persistence / degradability: No data available
Bioaccumulation / accumulation: No data available
Partition coefficient: No data available
Mobility in environmental media: No data available
Chemical fate information: No data available

**Section 13 - Disposal Considerations**

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

**Section 14 - Transportation Information**

U.S. Department of Transportation (DOT): Not regulated
IATA: 
- For quantities < 5kg/5L ship as: Not regulated
- For quantities ≥ 5kg/5L ship as: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S., (Fluazifop-p-butyl), Limited Quantity, 9, III
IMDG: 
- For quantities < 5kg/5L ship as: Not regulated
- For quantities ≥ 5kg/5L ship as: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S., (Fluazifop-p-butyl), Limited Quantity, 9, III

**Section 15 - Regulatory Information**

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

**Hazard Categories**

Superfund Amendments and Reauthorization Act of 1986 (SARA):
- Immediate Hazard: No
- Delayed Hazard: No
- Fire Hazard: No
压力危害
无

反应性危害
无

Section 302 极度危害性物质
无

Section 311 危害性化学物质
无

Clean Air Act (CAA):
无

Clean Water Act (CWA):
无

州法规:
无

FIFRA 标签:
此化学物质是环境保护署注册的农药产品，受联邦农药法的某些标签要求的约束。这些要求与应用于安全数据表的分类标准和危害信息不同，也适用于工作场所非农药化学品。

危害信息:
信号词：警告
预防措施声明：造成皮肤刺激。造成中度眼睛刺激。不要接触皮肤或衣物。
避免接触眼睛。
戴上化学防护手套，由防水材料制成。

彻底用肥皂和水清洗并更换受污染的衣物。

通知状态：所有成分已被列出或排除在美国有毒物质控制法案（TSCA）化学物质库存。

加州 Prop. 65：此产品不含有任何已知对加州造成癌症、出生缺陷或任何其他生殖伤害的化学物质。

免责声明：本信息从被认为是准确和可靠的信息来源获取。尽管已尽最大努力确保产品危害的充分披露，在某些情况下数据不可用，因此以所列方式陈述。由于实际产品的使用情况超出供应商的控制，因此假定使用此材料的人员已根据所有适用的立法和监管机构的要求进行充分培训。不作任何明示或暗示的保证，供应商不对因使用或依赖本文件中的任何信息而导致的任何损失、伤害或间接损害负责。

HMIS 评级：
健康危害 1  火灾危害 0  反应性 0

项目编号（s）：
HG-56201; HG-96390; HG-96451; HG-56009; HG-95777; HG-96024; HG-96009; HG-96243; HG-66001

配方编号（s）：
21-1447

发证日期：
2/17/2016

准备人：
Spectrum Group
Division of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114-0642
(800) 242-1166

SECTION 16 - OTHER INFORMATION