

# SAFETY DATA SHEET



Revision date 26-Oct-2021

Revision Number 1

## 1. Identification

### Product identifier

Product Name Fluazinam 40SC Select

### Other means of identification

Product Code(s) 89442-37

Synonyms None

Registration Number(s) 89442-37

### Recommended use of the chemical and restrictions on use

Recommended use Fungicide

Restrictions on use Follow label instructions

### Details of the supplier of the safety data sheet

#### Company Address

PrimeSource, A Division of Albaugh LLC.  
1525 NE 36th St  
Ankeny, IA 50211

#### Emergency telephone number

For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call  
CHEMTREC Day or Night

- Within USA and Canada: 1-800-424-9300
- Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

This product is an EPA FIFRA registered pesticide. Some classifications on this SDS are not the same as the FIFRA label. Certain sections of this SDS are superseded by federal law governed by US EPA for a registered pesticide. Please see Section 15. REGULATORY INFORMATION for explanation.

## 2. Hazard(s) identification

### Classification

|   |             |
|---|-------------|
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4  |
| Skin sensitization                        | Category 1A |
| Reproductive toxicity                     | Category 2  |

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements

#### Warning

#### Hazard statements

Harmful if inhaled  
May cause an allergic skin reaction  
Suspected of damaging fertility or the unborn child

**Appearance** Liquid**Physical state** Liquid**Odor** Pungent**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see .? on this label)  
 IF ON SKIN: Wash with plenty of water and soap  
 If skin irritation or rash occurs: Get medical advice/attention  
 Wash contaminated clothing before reuse  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Unknown acute toxicity****Other information**

May be harmful in contact with skin. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

| Chemical name                | CAS No      | Weight-%    | Active Ingredient |
|------------------------------|-------------|-------------|-------------------|
| Fluazinam                    | 79622-59-6  | 38.80-41.20 | X                 |
| Propylene Glycol             | 57-55-6     | 7.60-8.40   |                   |
| 1,2-Benzisothiazol-3(2H)-one | 2634-33-5   | 0.09-0.11   |                   |
| Other Ingredients            | PROPRIETARY | >50.0       |                   |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

**Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance.

|   |  |
|---|--|
| <b>Inhalation</b>                         | Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration. Get medical attention immediately.  |
| <b>Eye contact</b>                        | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.   |
| <b>Skin contact</b>                       | Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.   |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention.   |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapors or mists. Use personal protective equipment as required. See section 8 for more information. |

#### **Most important symptoms and effects, both acute and delayed**

**Symptoms** Itching. Rashes. Hives. Coughing and/ or wheezing. Difficulty in breathing.

#### **Indication of any immediate medical attention and special treatment needed**

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically.

### **5. Fire-fighting measures**

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                            |
| <b>Large Fire</b>   | CAUTION: Use of water spray when fighting fire may be inefficient.   |
| <b>Unsuitable extinguishing media</b>                                 | Do not scatter spilled material with high pressure water streams.  |
| <b>Specific hazards arising from the chemical</b>                     | Product is or contains a sensitizer. May cause sensitization by skin contact.  |
| <b>Explosion data</b>   |  |
| <b>Sensitivity to mechanical impact</b>                               | None.  |
| <b>Sensitivity to static discharge</b>                                | None.  |
| <b>Special protective equipment and precautions for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapors or mists. |
| <b>Other information</b>    | Refer to protective measures listed in Sections 7 and 8.  |

#### **Methods and material for containment and cleaning up**

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so. |
| <b>Methods for cleaning up</b> | Pick up and transfer to properly labeled containers.  |

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes. Avoid breathing vapors or mists.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                       |                   |
|-----------------------|-------------------|
| <b>Physical state</b> | Liquid            |
| <b>Appearance</b>     | Liquid            |
| <b>Color</b>          | yellow            |
| <b>Odor</b>           | Pungent           |
| <b>Odor threshold</b> | No data available |

| <u>Property</u>                        | <u>Values</u>     | <u>Remarks • Method</u> |
|--|-------------------|-------------------------|
| pH                                     | 5.0 - 6.0         |                         |
| Melting point / freezing point         | No data available |                         |
| Boiling point / boiling range          | No data available |                         |
| Flash point                            | No data available |                         |
| Evaporation rate                       | No data available |                         |
| Flammability (solid, gas)              | No data available |                         |
| Flammability Limit in Air              |                   |                         |
| Upper flammability or explosive limits | No data available |                         |
| Lower flammability or explosive limits | No data available |                         |
| Vapor pressure                         | No data available |                         |
| Vapor density                          | No data available |                         |
| Relative density                       | No data available |                         |
| Water solubility                       | Soluble in water  |                         |
| Solubility(ies)                        | No data available |                         |
| Partition coefficient                  | No data available |                         |
| Autoignition temperature               | No data available |                         |
| Decomposition temperature              |                   |                         |
| Kinematic viscosity                    | No data available |                         |
| Dynamic viscosity                      | No data available |                         |

**Other information**

|                      |                          |
|----------------------|--------------------------|
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Softening point      | No data available        |
| Molecular weight     | No data available        |
| VOC Content (%)      | No information available |
| Liquid Density       | 1.2-1.3 g/mL*            |
| Bulk density         | No data available        |

\*Listed density is an approximate value and does not necessarily represent that of a specific batch

**10. Stability and reactivity**

|                                    |   |
|------------------------------------|---|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of hazardous reactions | None under normal processing.             |
| Conditions to avoid                | Excessive heat.                           |
| Incompatible materials             | None known based on information supplied. |
| Hazardous decomposition products   | None known based on information supplied. |

**11. Toxicological information****Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. Harmful by inhalation. (based on components).  |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available.  |
| <b>Skin contact</b> | May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May be harmful in contact with skin. |

**Ingestion** Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Itching. Rashes. Hives. Coughing and/ or wheezing.

### Acute toxicity

#### Numerical measures of toxicity

#### Unknown acute toxicity

**Oral LD50** > 2,000 mg/kg  
**Dermal LD50** > 2,000 mg/kg  
**Inhalation LC50** > 0.967 mg/L

#### Component Information

| Chemical name                             | Oral LD50            | Dermal LD50              | Inhalation LC50        |
|---|----------------------|--------------------------|------------------------|
| Fluazinam<br>79622-59-6                   | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rat )     | > 1.1 mg/L ( Rat ) 4 h |
| Propylene Glycol<br>57-55-6               | = 20 g/kg ( Rat )    | = 20800 mg/kg ( Rabbit ) | -                      |
| 1,2-Benzisothiazol-3(2H)-one<br>2634-33-5 | = 1020 mg/kg ( Rat ) | -                        | -                      |

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Slightly irritating to the skin.

**Serious eye damage/eye irritation** Non-irritant.

**Respiratory or skin sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**Other adverse effects** No data available.

**Interactive effects** No data available.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

| Chemical name               | Algae/aquatic plants  | Fish  | Toxicity to microorganisms | Crustacea   |
|-----------------------------|---|---|----------------------------|---|
| Propylene Glycol<br>57-55-6 | EC50: =19000mg/L (96h,<br>Pseudokirchneriella<br>subcapitata) | LC50: =51600mg/L (96h,<br>Oncorhynchus mykiss)<br>LC50: 41 - 47mL/L (96h,<br>Oncorhynchus mykiss)<br>LC50: =51400mg/L (96h, | -                          | EC50: >1000mg/L (48h,<br>Daphnia magna) EC50:<br>>10000mg/L (24h,<br>Daphnia magna) |

|  |  |   |  |  |
|--|--|---|--|--|
|  |  | Pimephales promelas<br>LC50: =710mg/L (96h,<br>Pimephales promelas) |  |  |
|--|--|---|--|--|

**Persistence and degradability** No data available.

**Bioaccumulation** There is no data for this product.

#### Component Information

| Chemical name                             | Partition coefficient |
|---|-----------------------|
| 1,2-Benzisothiazol-3(2H)-one<br>2634-33-5 | 1.3                   |

**Other adverse effects** No information available.

### 13. Disposal considerations

#### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### 14. Transport information

**DOT** Not regulated

### 15. Regulatory information

#### U.S. EPA Label Information

**EPA Pesticide Registration Number** 89442-37

**EPA Pesticide Label** CAUTION Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled.

#### International Inventories

|                      |                 |
|----------------------|-----------------|
| <b>TSCA</b>          | Does not comply |
| <b>DSL/NDSL</b>      | Does not comply |
| <b>EINECS/ELINCS</b> | Does not comply |
| <b>ENCS</b>          | Does not comply |
| <b>IECSC</b>         | Does not comply |
| <b>KECL</b>          | Does not comply |
| <b>PICCS</b>         | Does not comply |
| <b>AICS</b>          | Does not comply |

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Water<br>7732-18-5          | -          | -             | X            |
| Propylene Glycol<br>57-55-6 | X          | -             | X            |

**16. Other information**

|                                   |                           |                                  |                           |                              |
|-----------------------------------|---------------------------|----------------------------------|---------------------------|------------------------------|
| <b>NFPA</b>                       | <b>Health hazards</b> 3   | <b>Flammability</b> 0            | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b>                       | <b>Health hazards</b> 3 * | <b>Flammability</b> 0            | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |
| <i>Chronic Hazard Star Legend</i> |                           | <i>* = Chronic Health Hazard</i> |                           |                              |

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)



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NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 26-Oct-2021  
**Revision Note** No data available.

**Disclaimer**

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This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling. It is a violation of federal law to use a pesticide product in any manner not prescribed on the EPA-approved label.

**End of Safety Data Sheet**