



**Safety Data Sheet - GHS**

**1. IDENTIFICATION: CHEMICAL PRODUCT AND COMPANY**

**PRODUCT NAME:** Zeltera® Fungicide  
**EPA REGISTRATION NUMBER:** 59639-231  
**VC NUMBER(S):** 2114, 1998, 1963 (and others of similar ingredients and ingredient concentrations)  
**SYNONYM(S):** S-2399 3.2 FS Fungicide, S-2399 3.2 FS Fungicide MUP  
**PRODUCT DESCRIPTION:** Fungicide

Zeltera® is a registered trademark of Sumitomo Chemical Co., Ltd.

**MANUFACTURER/DISTRIBUTOR**  
 VALENT U.S.A. LLC  
 P.O. Box 5075  
 4600 Norris Canyon Road  
 San Ramon, CA 94583

**EMERGENCY TELEPHONE NUMBERS**  
 HEALTH EMERGENCY OR SPILL (24 hr):  
 (800) 892-0099  
 TRANSPORTATION (24 hr.): CHEMTREC  
 (800) 424-9300 or (202) 483-7616

**PRODUCT INFORMATION**  
 AGRICULTURAL PRODUCTS: (800) 682-5368

**2. HAZARDS IDENTIFICATION**

**Classification** - (per U.S. OSHA 29 CFR 1910.1200 (Hazcom 2012))

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4

**Label elements**

**Signal Word**

**WARNING**



**Hazard statements**

Harmful if swallowed  
 Harmful if inhaled

**Precautionary statements****Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area

**Response**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 Rinse mouth.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage**

None

**Disposal**

Dispose of contents/container in accordance with local/regional/national regulations

**Hazards not otherwise classified (HNOC)**

Very toxic to aquatic life  
 Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Weight-%	TRADE SECRET
Inpyrfluxam Technical	1352994-67-2	34.05	
Glycerin	56-81-5	3 - 9	
Others	(Various CAS#s)	55 - 65	

\* The chemical name, CAS number and/or exact percentage have been withheld as a trade secret

Specific information on other ingredients for the management of exposures, spills, or safety assessments can be obtained by a treating physician or nurse by calling (800) 892-0099 at any time.

**4. FIRST AID MEASURES****EMERGENCY NUMBER (800) 892-0099****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 eye. 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.

**INGESTION:**

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by the poison control center or doctor. Do not give anything to an unconscious person.

**INHALATION:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTES TO PHYSICIAN:**

Treat symptomatically and supportively.

**5. FIRE FIGHTING MEASURES**

**Flash point °C:** Not Determined

**Flash point °F:** Not Determined

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical

**FIRE FIGHTING INSTRUCTIONS:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Prevent extinguishing media run off from entering drains, sewers, and bodies of water.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce toxic gases of: HCl gas, hydrogen cyanide (HCN), Oxides of carbon and nitrogen

**6. ACCIDENTAL RELEASE MEASURES**

**VALENT EMERGENCY PHONE NUMBER: (800) 892-0099**  
**CHEMTREC EMERGENCY PHONE NUMBER: (800) 424-9300**

**CONTAINMENT:** Avoid runoff into storm sewers and ditches which lead to waterways. Contain spilled liquids with dry sorbents. Keep well ventilated. Wear proper personal protective equipment.

**CLEANUP:** Clean up spill immediately. Absorb spill with inert material (such as dry sand or earth), then place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a chemical waste container. Contain and absorb the rinsate with inert absorbents and place into the same disposal container. Area can be washed with water to remove the last trace of residue. Do not allow water to contaminate water supplies or sewers.

**7. HANDLING AND STORAGE****HANDLING:**

Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Use only in well ventilated area. Avoid contact with skin and eyes. Do not breathe spray mist.

**STORAGE:**

Store in a cool, well-ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep only in original container

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****EXPOSURE LIMITS**

Chemical name	ACGIH Exposure Limits	OSHA Exposure Limits
Glycerol CAS# 56-81-5	None	TWA: 15 mg/m <sup>3</sup> mist, total TWA: 5 mg/m <sup>3</sup> mist, respirable
Methyl Acetate CAS# 79-20-9	TWA: 200ppm	None
Sodium hydroxide CAS# 1310-79-2	TWA: 2 mg/m <sup>3</sup>	None
Glyoxal CAS# 107-22-2	TWA: 0.1 mg/m <sup>3</sup> Inhalable fraction and vapor.	None

**EYES & FACE:** Do not get this material in your eyes. Eye contact can be avoided by wearing safety goggles or a face shield.

**RESPIRATORY PROTECTION:** Use this material only in well-ventilated areas.

**SKIN & HAND PROTECTION:** Avoid contact with skin or clothing. Skin contact can be minimized by wearing protective clothing including gloves.

**ENGINEERING CONTROLS:** Use in a well-ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Viscous	<b>Vapor pressure</b>	Not determined
<b>Physical State</b>	Liquid	<b>Vapor density</b>	Not determined
<b>Color</b>	Off-white	<b>Specific Gravity</b>	Not determined
<b>Odor</b>	Rancid	<b>Water solubility</b>	Not determined
<b>pH</b>	6.9 @ 25°C (1% w/v)	<b>Solubility in other solvents</b>	Not determined
<b>Melting point / freezing point</b>	Not determined	<b>Partition coefficient</b>	Not determined
<b>Boiling point / boiling range</b>	Not determined	<b>Autoignition temperature</b>	Not determined
<b>Flash point</b>	Not determined	<b>Decomposition temperature</b>	Not determined
<b>Evaporation rate</b>	Not determined	<b>Viscosity</b>	114 cP @ 20°C
<b>Flammability (solid, gas)</b>	Not determined	<b>Explosive properties</b>	Not determined
<b>Flammability Limits in Air:</b>		<b>Oxidizing properties</b>	Not determined
<b>Upper flammability limits</b>	Not determined	<b>Liquid Density</b>	1.12 g/cm <sup>3</sup> @ 20°C
<b>Lower flammability limits</b>	Not determined	<b>Bulk density</b>	Not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Product does not contain oxidizing or reducing agents.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY:

Oral Toxicity LD <sub>50</sub> (rats)	550 mg/kg	EPA Tox Category	III
Dermal Toxicity LD <sub>50</sub> (rabbits)	>5000 mg/kg	EPA Tox Category	IV
Inhalation Toxicity LC <sub>50</sub> (rats)	>2.19 mg/L (4 h)	EPA Tox Category	IV
Eye Irritation (rabbits)	Non-irritating	EPA Tox Category	IV
Skin Irritation (rabbits)	Non-irritating	EPA Tox Category	IV
Skin Sensitization (guinea pigs)	Non-sensitizer	EPA Tox Category	Not applicable

### CARCINOGEN CLASSIFICATION

Chemical name	IARC Group 1 or 2	OSHA - Select Carcinogens	NTP Carcinogen List
None			

## 12. ECOLOGICAL INFORMATION

**AVIAN TOXICITY:** No data available

**AQUATIC ORGANISM TOXICITY:** S-2399 Technical is very toxic to aquatic organisms, based on the following tests:

96 hr LC<sub>50</sub> (rainbow trout): 0.031 mg/L  
 48 hr EC<sub>50</sub> (Daphnia magna): 1.1 mg/L  
 72 hr EC<sub>50</sub> (Green algae): 23 mg/L

**OTHER NON-TARGET ORGANISM TOXICITY:** The following information for is for S-2399 Technical:  
 48 Hr. Adult Acute Oral Exposure: > 111.3 micrograms ai/bee/day  
 72 Hr. Larval Acute Exposure: > 100 micrograms ai/day

## 13. DISPOSAL CONSIDERATIONS

Check government regulations and local authorities for approved disposal of this material. Dispose of in accordance with applicable laws and regulations.

## 14. TRANSPORTATION INFORMATION

**DOT (ground) SHIPPING NAME:** Not regulated for domestic ground transport by U.S. DOT

**EMERGENCY RESPONSE GUIDEBOOK NO.:**

**ICAO/IATA SHIPPING NAME:** UN2588 Environmentally Hazardous Substance, Liquid, N.O.S. (Inpyrfluxam), 9, III, Marine Pollutant

**REMARKS:**

- Single or inner packaging less than 5 L (liquid) or 5 Kg net (solids) excepted from Dangerous Goods regulations – see IATA Special Provision A197
- For US shipping, Emergency Response Guidebook No. 171

**IMDG SHIPPING NAME:** UN2588 Environmentally Hazardous Substance, Liquid, N.O.S. (Inpyrfluxam), 9, III, Marine Pollutant

**REMARKS:**

- Single or inner packaging less than 5 L (liquid) or 5 Kg net (solids) excepted from Dangerous Goods regulations – see IMDG 2.10.2.7
- For US shipping, Emergency Response Guidebook No. 171

**EMS NO.:** F-A, S-F

## 15. REGULATORY INFORMATION

### EPA-FIFRA LABEL INFORMATION

Pesticide products in the U.S. are registered by the EPA under FIFRA and are subject to certain labeling requirements under federal pesticide law. These requirements may differ from the classification criteria and hazard information required by OSHA GHS for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the FIFRA pesticide label:

- **Keep out of reach of children.**

**PESTICIDE REGULATIONS:** All pesticides are governed under FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act). Therefore, the regulations presented below are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing/formulation facilities, spills or misuse of products, and storage of large quantities of products containing hazardous or extremely hazardous substances.

**U.S. FEDERAL REGULATIONS:** Ingredients in this product are reviewed against an inclusive list of federal regulations. Therefore, the user should consult appropriate authorities. The federal regulations reviewed include: Clean Water Act, SARA, CERCLA, RCRA, DOT, TSCA and OSHA. If no components or information is listed in the space below this paragraph, then none of the regulations reviewed are applicable.

**SARA (311, 312):**

Immediate Health:	Yes
Chronic Health:	No
Fire:	Yes
Sudden Pressure:	No
Reactivity:	No

**STATE REGULATIONS:** Each state may promulgate standards more stringent than the federal government. This section cannot encompass an inclusive list of all state regulations.

**Pennsylvania Right-To-Know**

Glycerol	CAS# 56-81-5
Sodium hydroxide	CAS# 1310-73-2
dipropylene glycol	CAS# 25265-71-8
1,2-Benzisothiazolin-3-one	CAS# 2634-33-5

**Massachusetts Right To Know**

Sodium hydroxide	CAS# 1310-73-2
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**New Jersey Right-To-Know**

Sodium hydroxide	CAS# 1310-73-2
dipropylene glycol	CAS# 25265-71-8
1,2-Benzisothiazolin-3-one	CAS# 2634-33-5

## 16. OTHER INFORMATION

<b>REASON FOR ISSUE:</b>	General update
<b>SDS NO.:</b>	0454
<b>EPA REGISTRATION NUMBER:</b>	59639-231
<b>REVISION NUMBER:</b>	8
<b>REVISION DATE:</b>	11/04/2020
<b>SUPERCEDES DATE:</b>	09/01/2020
<b>RESPONSIBLE PERSON(S):</b>	Valent U.S.A. LLC, Corporate EH&S, (925) 256-2803

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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 as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom").

The product label provides information specifically for product use in the ordinary course. All necessary hazard classification and appropriate precautionary use, storage, and disposal information is set forth on that label or labeling accompanying the pesticide or to which reference is made on the label.

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