



Conforms to HazCom 2012/United States

# SAFETY DATA SHEET



## Sonar Infinity

### Section 1. Identification

**GHS product identifier:** Sonar Infinity

**Recommended use of the chemical and restrictions on use Identified uses:** Aquatic herbicide

**EPA Registration No.:** 67690-87

**Supplier's details:** SePRO Corporation  
11550 North Meridian Street  
Suite 600  
Carmel, IN 46032 U.S.A.  
Tel: 317-580-8282/Toll free: 1-800-419-7779  
Fax: 317-580-8290  
Monday - Friday, 8am to 5pm [E.S.T. www.sepro.com](http://www.sepro.com)

**Emergency telephone number:** INFOTRAC – 24-hour service 1-800-535-5053

The following recommendations for exposure controls and personal protection are intended for the manufacture, formulation and packaging of this product. For applications and/or use, consult the product label. The label directions supersede the text of this Safety Data Sheet for application and/or use.

### Section 2. Hazards identification

**OSHA/HCS status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture:**  
EYE IRRITATION - Category 2B  
AQUATIC HAZARD (LONG-TERM) - Category 2  
SKIN SENSITIZATION – Category 1

#### GHS label elements

**Hazard pictograms:**



**Signal word:** Warning

**Hazard statements:** H320: Causes eye irritation  
H411 - Toxic to aquatic life with long lasting effects.  
H317 - May cause an allergic skin reaction.

#### Precautionary statements

**Prevention:** P271 - Use only outdoors or in a well-ventilated area.



P273 - Avoid accidental release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P273 - Avoid release to the environment.

**Response:**

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391 - Collect spillage.

**Disposal:**

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other Hazards:**

No other hazards.

**Hazards not otherwise Classified:**

None known

### Section 3. Composition/information on ingredients

**Chemical nature:** This product is a mixture.

Ingredient name	%	CAS number
Fluridone	60-70	59756-60-4

### Section 4. First aid measures

**Description of first aid measures**

**Skin contact:** Wash with plenty of water and soap. Get medical attention if irritation or rash occurs.

**Eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.

**Ingestion:** Do not give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Get prompt medical attention.

**Inhalation:** Remove to fresh air and keep warm and at rest.

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

Acute: none known. Delayed: this product is a skin sensitizer, which may cause irritation or rash after prolonged or repeated exposures.

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

None

### Section 5. Fire-fighting measures

**Suitable extinguishing media:**

Water, Carbon dioxide (CO<sub>2</sub>).



**Unsuitable extinguishing media:**

No data available.

**Special hazards arising from the substance or mixture:**

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

**Advice for firefighters:**

Use suitable breathing apparatus. Self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

## Section 6. Accidental release measures

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

Wear personal protection equipment. Remove persons to safety. See protective measures under Section 7 and 8.

**Environmental precautions:**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.

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

Wash with plenty of water. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

## Section 7. Handling and storage

**Precautions for safe handling:** Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contained clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.

**Conditions for safe storage:**

Store in a cool and dry place. Avoid direct sunlight. Keep away from food, drink and feed. Incompatible materials: None in particular. Instructions as regards storage premises: Adequately ventilated premises.

## Section 8. Exposure controls/personal protection

**Exposure Controls**

**Eye/face protection:**

Wear safety glasses or goggles when handling this product.

**Hand protection:**

Chemical-resistant, impervious gloves complying with an approved standard should always be worn when handling chemical products if a risk assessment indicates this is necessary.

**Respiratory protection:**

Not need for normal use.



**Thermal Hazards:** None.

**Environmental  
Exposure Controls:** None.

## Section 9. Physical and chemical properties

<b>Appearance</b>	Brown granular solid
<b>Odor</b>	Sweet, agreeable
<b>Odor Threshold</b>	No data available
<b>pH</b>	5.4 (suspension in water)
<b>Melting point/range</b>	Not applicable
<b>Freezing point</b>	Not applicable
<b>Boiling point (760 mmHg)</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Evaporation Rate (Butyl Acetate =1)</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not flammable
<b>Lower explosion limit</b>	Not explosive
<b>Upper explosion limit</b>	Not explosive
<b>Vapor Pressure</b>	Not applicable
<b>Relative Vapor Density (air = 1)</b>	Not applicable
<b>Water solubility</b>	Soluble in water
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not applicable
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	Not an oxidizer
<b>Miscibility:</b>	Not applicable.

## Section 10. Stability and reactivity

<b>Reactivity:</b>	Not reactive
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None.
<b>Conditions to avoid:</b>	Avoid direct sunlight, extreme heat, open flame
<b>Incompatible materials:</b>	None in particular.
<b>Hazardous decomposition products:</b>	None.

## Section 11. Toxicological information

Toxicological information appears in this section when such data are available.

**Data Referred to The Mixture:**

**Acute toxicity**

Product	Result	Species	Dose
Sonar Infinity	LD50 Oral	Rat	> 5000 mg/kg
	LD50 Dermal	Rat	> 5000 mg/kg
	LC50 inhalation	Rat	>2.18 mg/l air (4h)

- Skin Irritation:** Not Irritating
- Eye Irritation:** Moderately irritating
- Skin sensitization:** Positive for skin sensitization
- Mutagenicity:** Not mutagenic
- Reproductive/Developmental**
- Toxicity:** Not a reproductive or developmental hazard
- Carcinogenic Effects:** Not expected to be carcinogenic.
- Teratogenic Effects:** Not expected to be teratogenic.
- Aspiration Hazard:** Due to the physical characteristics, this product is not an aspiration hazard

## Section 12. Ecological information

Ecotoxicological information appears in this section when such data is available.

**Toxicity** Adopt good working practices, so that the product is not released into the environment.

Product/ingredient name	Result	Species	Exposure
Fluridone	Acute EC50 3 mg/L Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 8 mg/L Fresh water	Crustaceans - <i>Eucyclops sp.</i>	48 hours
	Acute LC50 1.8 mg/L Fresh water	Fish - <i>Sander vitreus</i>	96 hours
	Chronic NOEC 0.2 mg/L Fresh water	Daphnia - <i>Daphnia magna</i>	21 days
	Chronic NOEC 0.43 mg/L	Fish - <i>Oncorhynchus tshawytscha</i>	75 days

- Persistence and Degradability:** Not expected to be persistent.
- Bioaccumulative Potential:** Not expected to bioaccumulate
- Mobility in Soil:** No data available
- Results of PBT and vPvB assessment:** Not a vPvB or PBT

## Section 13. Disposal considerations

**Waste treatment methods:** NOTE: Generator is responsible for proper waste characterization. State hazardous waste regulations may differ substantially from federal regulations. Dispose of this material responsibly, and in accordance with standard practice for disposal of potentially hazardous materials as required by applicable international, national, regional, state or local laws, and environmental protection duty of care principles. Do NOT dump into any sewers, on the ground, or into any body of water.

## Section 14. Transport information

**DOT** Not regulated for transport.

**IATA/ICAO** UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Fluridone).  
Marine pollutant

**IMO-IMDG** UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Fluridone).  
Marine pollutant

## Section 15. Regulatory information

**SARA 313:** Not listed

**Reportable Quantities:** None

**State Regulations:** Not listed

**HMIS:**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0

**NFPA:**

**Chemical Safety Assessment:** Not applicable.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

## Section 16. Other information

**Main bibliographic sources:**  
In house data

**History**

**Date of issue mm/dd/yyyy** : 07/15/2019

**Date of previous issue** : newly issued

**Version** : 1.0

**Notice to reader**  
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.