

WEB SUPER 125SC™

MATERIAL SAFETY DATA SHEET

SECTION 1 Chemical product and Company identification

Product Name: Web Super 125EC™ (Fluazifop-P-Butyl 12.5%)

Chemical name: (R)-2-{4-[5-(trifluoromethyl)-2-pyridyloxy]phenoxy}propionic acid

Chemical Family: 2-(4-aryloxyphenoxy)propionic acid

Formula: C₁₅H₁₂F₃NO₄

Product Use: Commercial Herbicide

Supplier: SINERIA HOLLAND BV
Randwycksingel 20-A015
6229 EE Maastricht The Netherlands
www.sineria.com

SECTION 2 Composition/Information on Ingredients

<u>Product Name</u>	<u>Qty (%)</u>	<u>CAS RN</u>
Fluazifop-P-Butyl	12.5%(w/v)	83066-88-0

SECTION 3 Hazards Identification

Symptom of acute exposure: Can cause eye, skin and respiratory passage irritation. Allergic reactions are possible. Harmful if inhaled or swallowed. Exposure to high vapor levels may cause headache, dizziness, numbness, nausea, incoordination, or other central nervous system effects.

Hazardous decomposition products: Can decompose at high temperature forming toxic gases.

Unusual fire, explosion and reactivity hazards: During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

SECTION 4 First Aid Measures

If in eyes: Immediate flush eyes with water for 15 minutes. Be sure to flush under eyelids. Get medical attention.

If on skin: Immediately wash with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing and clean shoes before reuse.

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If swallowed: Do not induce vomiting. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON. A physician or Poison Center should be contacted for advice.

If inhaled: Remove individual to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SECTION 5 Fire Fighting Measures

Flash point: >100°C

Hazardous products of combustion: None known.

Unusual fire and explosion hazards: During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing media: In case of fire, use water spray (fog), foam, dry chemical or CO₂.

Fire-fighting instructions: As in any fire, wear self-contained breathing apparatus pressure-demand and full protection gear. Keep upwind. Isolate hazard area. Avoid inhalation of smoke and fumes. Use water or foam to reduce fumes. Do not touch spilled material. If possible, move containers from area. Extinguish only if flow can be stopped. Use flooding amounts of water as a fog. Avoid breathing vapors.

SECTION 6 Accidental release measures

General and disposal: Use proper protective equipment to minimize personal exposure. Take all necessary action to prevent and to remedy the effects of the spill. Ensure that the disposal is in compliance with regulations.

Land spill or leaks:

Small spill: Absorb with an inert absorbent material such as granular clay, saw dust or pet litter. Sweep up carefully while avoiding the formulation of a dust cloud. Place in an approved chemical waste container for disposal. Rinse spill area with small amount of soapy water. 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 residue. Do not allow water to contaminate water supplies or sewers.

Large spill: Eliminate all ignition sources. Stop leak if you can do so without coming into contact with spilled material. All equipment used to clean up spill should be grounded. Prevent entry into waterways, sewers, basements or confined areas. Inform appropriate authorities immediately if contamination occurs.

SECTION 7 Handling and storage

Handling: Avoid contact with eyes or clothing. Do not use near heat or open fire.

Users Should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove

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personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Storage: Store in a cool and dry place out of reach of children. Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

SECTION 8 Exposure controls/Personal protection

Eye Protection: Where there is significant potential for eye contact, wear chemical goggles and have eye flushing equipment available.

Skin Protection: Repeated or prolonged contact may cause allergic skin reaction in some people. Wear water proof gloves and protective clothing that provide a barrier to prevent skin contact. Consult glove manufacturer to determine appropriate type glove for given application. Wear chemical safety goggles and a face shield and a protective apron that provides a barrier when splashing is likely. Remove contaminated clothing promptly and launder before reuse. Clean protective equipment before reuse. Wash immediately if skin is contaminated. Provide a safety shower at any location where skin contact can occur. Wash thoroughly after handling.

Respiratory Protection: Avoid breathing vapor or mist. Use positive pressure atmosphere supplying respiratory protection equipment (full face piece recommended) when airborne exposure limits are exceeded.

Ventilation: Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

SECTION 9 Physical & Chemical properties

Appearance: Dark brown liquid, free of sediment

Odor: Aromatic

Specific gravity: 0.98g/ml

PH: 6.2 (1% dilution in deionized water)

Solubility in water: Technical grade almost insoluble in water.

SECTION 10 Stability & Reactivity

Stability: Stable under normal use and storage conditions.

Hazardous polymerization: Will not occur

Conditions to avoid: None known

Materials to avoid: Oxidizing agents.

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SECTION 11 Toxicological Information

Toxicological data (only as reference)

- Oral LD₅₀ for male rats 3680-4690, 2451-2721mg/kg
- Dermal LD₅₀ for rabbits 2400mg/kg
- Inhalation LC₅₀ >0.54mg/L air in male rats and 0.77mg/L in female rats

Eye Irritation: Slightly irritating (rabbit)

Skin irritation: moderate irritating (rabbit)

SECTION 12 Ecological Information

Birds: Acute oral LD₅₀ for mallard ducks >3825 mg/kg. Five-day dietary LC50 for mallard ducks >4321ppm, bobwhite quail is > 4659 ppm diet.

Fish: LC₅₀ (96h) for rainbow trout 1.37, bluegill sunfish 0.53mg/L.

Bees: very low toxicity to bees, both orally and by contact.

Daphnia: LC₅₀ (48h) >10mg/L.

SECTION 13 Disposal Considerations

- Wastes resulting from the use of these products that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with local procedures.
 - Do not reuse container. Puncture and dispose of empty container in a sanitary landfill, or incinerate the container, or, if allowed by state and local authorities, burn the container. If burned, stay out of smoke.
 - Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
 - This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.
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SECTION 14 Transport Information

This product is not hazardous under the applicable DOT, ICAO/IATA, or IMDG regulations.

SECTION 15 Regulatory Information

UNEP Persistent Organic Pollutant (POP): Not Listed

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UNEP Prior Informed Consent Chemical (PIC):

Not Listed

WHO Obsolete Pesticide:

Not Listed

SECTION 16 Other Information

The information contained in the Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for use with other materials or in processes other than those specifically described herein.

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