

MATERIAL SAFETY DATA SHEET

Selecta 40% EC

SECTION 1. IDENTIFICATION OF THE SUBSTANCE

Trade name: selecta

Common name: flusilazole

CAS code: 85509-19-9

Chemical name:

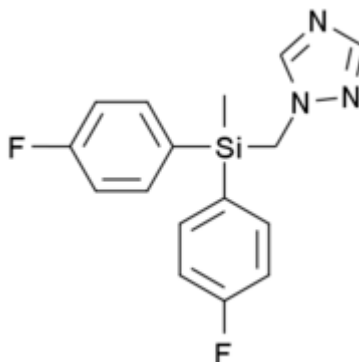
bis(4-fluorophenyl)-methyl-(1,2,4-triazol-1-ylmethyl)silane

Chemical family: triazole

Molecular weight: 315.392706 g/mol

Chemical formulation: C₁₆H₁₅F₂N₃Si

Chemical structure:



SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTENTS	Common Name
ACTIVE INGREDIENT	40%
INERT INGREDIENT	60%

SECTION 3. HAZARDS IDENTIFICATION

Symptoms of overexposure:

low acute toxicity insecticide. It is not sufficiently toxic to produce clearly recognizable clinical or laboratory signs of toxicity in man or other animals

SECTION 4.FIRST AID MEASURES

In case of inhalation : Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to mouth if possible

In case of skin contact : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

In case of eye contact : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Get medical attention.

In case ingestion : Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to mouth if possible.

Note to physician :No antidote available. Treat symptomatically.

SECTION 5.FIRE FIGHTING MEASURES

Protection against fire and explosion: No special requirement.

Extinction methods: Water or any other.

Excluded extinction Methods: None.

SECTION 6.ACIDENTAL RELEASE MEASURES

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7.HANDLING AND STORAGE

Precautions:

1. Keep away from heat.
2. Do not ingest.
3. Do not breathe dust.

Storage:

1. Keep container dry.
2. Keep in a cool place.

SECTION 8.EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

M.p.: 53.2 ± 0.06 °C *

B.p.: Not relevant

K_{ow} : logP = pH 5: log K_{ow} = 3.81

pH 7: log K_{ow} = 3.87

pH 9: log K_{ow} = 3.81

S.g./density: 1.312 ± 0.002 g/cm³

SECTION 10.STABILITY AND REACTIVITY

Stability Stable under normal conditions

SECTION 11.TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 Oral : 674 mg/kg

LD50 Dermal: >2000 mg/kg

Eye irritation Slight irritating to eye

Sensitization Not a skin sensitizer (Guinea pig)

Chronic Effects:

CARCINOGENIC EFFECTS: Not carcinogenic

MUTAGENIC EFFECTS: No mutagenic

TERATOGENIC EFFECTS: No teratogenic

DEVELOPMENTAL TOXICITY: No effect

SECTION 12. ECOLOGICAL INFORMATION

Biodegradability: The product is biodegradable.

Ecological and biological effects: None

SECTION 13. DISPOSAL INSTRUCTION

Check with all applicable local, regional, and national laws and regulations. Local regulations may be more stringent than regional or national regulations. Small amounts of this material may be suitable for sanitary sewer or trash disposal.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good.

SECTION 15. REGULATORY INFORMATION

Acute: Yes

Chronic: No

Fire: No

Read and follow all label directions.

SECTION 16. OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements.