

# Safety Data Sheet

466208/01

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## \*1. Identification of the substance/preparation and the company

### SWIFT SC

Bayer CropScience Limited  
Hauxton, Cambridge, CB1 5HU  
Tel: 01223 870312 Fax: 01223 872142

## 2. Composition/information on ingredients

preparation contains  
trifloxystrobin  
500 g/l  
CAS No.: 141517-21-7 Index No.: --  
Hazard Symbols: Xi, N  
R-Phrases: 43-50/53

## \*3. Hazards identification

May cause sensitisation by skin contact.  
Dangerous to fish or other aquatic life.

## \*4. First-aid measures

GENERAL INFORMATION:  
Remove patients from the danger zone. If there is a risk of unconsciousness, position and transport in stable lateral position. Remove soiled or soaked clothing immediately.  
FOLLOWING SKIN CONTACT:  
Wash skin immediately with copious amounts of water and soap.  
FOLLOWING EYE CONTACT:  
Rinse eyes thoroughly with water. Consult an eye specialist.  
UPON SWALLOWING:  
Call emergency doctor immediately.

INFORMATION FOR THE PHYSICIAN:  
See Chapter 11 for information on toxicology.  
Therapeutic measures: Basic aid, decontamination, symptomatic treatment.  
Trifloxystrobin belongs to the strobilurin class of chemicals.

## 5. Fire-fighting measures

Extinguishing media: sprayed water jet, foam, extinguishing powder, CO<sub>2</sub>, sand

Fight fire in early stages if safe to do so.  
Wear respiratory protection.  
Well ventilated areas: Full face mask with a suitable combination filter, of a type approved by the Health and Safety Executive.  
Enclosed premises: respirator with independent air supply.  
Contain firefighting water.

In the event of fire, the formation of hydrogen cyanide, hydrogen fluoride, carbon monoxide and nitrogen oxides must be anticipated.

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## \*6. Accidental release measures

Use the personal protective equipment listed in Chapter 8.  
It is essential prevent entry into drains, waters or soil.  
Take up spilled product with absorbent material (e.g. sawdust, peat, chemical binder). Place the collected material in a closable container. To clean the floor and all objects contaminated by this material, use damp cloth. Also place used cleaning materials into closable receptacles.

NB: Inform the local Water plc immediately if spillage enters drains, and the Environment Agency or Scottish Environmental Protection Agency if it enters surface or ground water. If the product has entered a watercourse or sewer, or has grossly contaminated soil or vegetation in a public place, advise the police.

## 7. Handling and storage

INFORMATION ON SAFE HANDLING:

Suitable container materials: HDPE (high density polyethylene).  
Make provision for product and fire-fighting water to be retained.

INFORMATION ON STORAGE:

See Chapter 15 for storage regulations.  
Observe the rules contained in the VCI concept for separate/common storage. To maintain quality, store in a dry place and protect from temperatures below -10 C° and above 40 C°. Keep away from food, drink and animal feeding stuffs.

## 8. Exposure controls/Personal protection

If product is handled while not enclosed, and if skin contact may occur:

Hand protection: protective gloves for chemicals

Eye protection: Goggles

Occupational health:

Keep the place of work clean. Avoid contact with product. Keep working clothes separate. Change badly soiled or soaked clothing. Wash hands before breaks and at end of work.

## 9. Physical and chemical properties

tested in accordance with

Form:	liquid, suspension	
Colour:	white to beige	
Odour:	slight characteristic smell	
pH value:	6,5-8,0 (undiluted)	
Density:	approx. 1,15 g/cm <sup>3</sup> at 20 °C	
Solubility in water:	miscible	
Viscosity:	42-60 sec. flow time at 20 °C	DIN 53211
Flash point:	none	DIN 51758

## 10. Stability and reactivity

## \*11. Toxicological information

Acute toxicity:

LD<sub>50</sub> oral, rat: > 3000 mg/kg (Syngenta) OECD 423

LD<sub>50</sub> dermal, rabbit: > 4000 mg/kg (Syngenta) OECD 402

(to be continued)

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## \*11. Toxicological information (Continuation)

Irritation of the skin/rabbit: non-irritant (Syngenta) OECD 404  
Irritant to the mucous membranes/rabbit: non-irritant (Syngenta) OECD 405

skin sensitisation: In the guinea-pig tests the product has no skin sensitising effect. (Magnusson-Kligman-test) (Syngenta) OECD 406

A coformulant present in this product is designated a skin sensitiser.

## \*12. Ecological information

Fish toxicity:

LC<sub>50</sub>: 0,035 mg/l (96 h); trout (*oncorhynchus mykiss*) (Bayer)

Toxicity for Daphnia:

EC<sub>50</sub>: 0,0087 mg/l (48 h); Water flea (*Daphnia magna*) (Bayer)

Toxicity for algae:

Growth rate

EC<sub>50</sub>: 0,034 mg/l (72 h); green alga (*Selenastrum capricornutum*) (Bayer)

SWIFT SC must be strictly prevented from reaching water-courses.

## 13. Disposal considerations

In cases where larger amounts of the product have become unusable, it should be established whether material utilisation is possible (if necessary, consult the manufacturer/suppliers). Small amounts of the product and uncleaned empty packaging should be packaged and sealed, labelled and transferred to a suitable incinerator in accordance with local regulations.

European Waste Catalogue (EWC) code: 070499, 020105

## 14. Transport information

GGVSee/IMDG Code: 9 UN No.: 3082 EmS: NO

PG: III MPO: P

GGVSE: Class 9 PG: III RID/ADR: Class 9 PG: III

Warning sign: Hazard no. 90 Substance no. 3082

ADNR: Class 9 PG: III Cat -- ICAO/IATA-DGR: 9 3082 III

Limited quantity regulations applicable in accordance with chapter 3.4 RID/ADR in compliance with threshold value

Declaration for land shipment: 3082, Environmentally hazardous substance, liquid, n.o.s.  
(43.7 % TRIFLOXYSTROBIN)

Declaration for sea shipment: Environmentally hazardous substance, liquid, n.o.s.  
(43.7 % TRIFLOXYSTROBIN)

Declaration for shipment by air: Environmentally hazardous substance, liquid, n.o.s.  
(43.7 % TRIFLOXYSTROBIN)

Other information:

Environmentally hazardous substance (GGVSE, RID/ADR). Marine pollutants. Has a slight odour. Avoid temperatures below -10 °C. Keep separated from foodstuffs.

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## \*15. Regulatory information

This product has been approved under PPPR 1995.

Labelling as required by the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (as amended) (CHIP), implementing EC Directive 67/548/EEC:

Symbol: N, hazard description: dangerous for the environment

Contains: 500 g/l trifloxystrobin

R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

MAPP 10884.

## 16. Other information

Suspension concentrate (flowable concentrate)

Application: fungicide

Address in case of poisoning, fire or damage:

Bayer CropScience Limited

Hauxton, Cambridge, CB1 5HU

Tel: 01223 870312 Fax: 01223 872142

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. The data does not signify any warranty with regard to the products' properties.