

ESCORT 40EC™

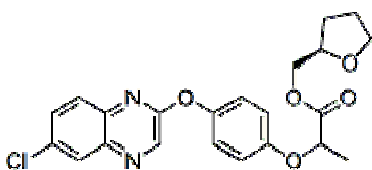
MATERIAL SAFETY DATA SHEET

SECTION 1 Chemical product and Company identification

Product Name: Escort 40EC™ (Quizalofop-P-tefuryl)

Chemical name: ((RS)-2-tetrahydrofuranylmethyl (R)-2-[4-(6-chloro-2-quinoxalinyloxy) phenoxy] propanoate

Formula: C₂₂H₂₁ClN₂O₅



Chemical structure:

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>Content (%)</u>	<u>CAS RN</u>
Quizalofop-P-tefuryl	4%	119738-06-6

SECTION 3 Hazards Identification

- Not a dangerous product

SECTION 4 First Aid Measures

Ingestion: Seek immediate medical advice. Contact Poison Information Centre. Do not induce vomiting unless told to do so by a poison control center or doctor. Have a person sip a glass of water if able to swallow. Do not induce vomiting or give anything by mouth to an unconscious person.

Inhalation: Remove patient to fresh air. If effects persist, seek medical advice.

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Eye contact: Hold eye(s) open and flush with water for at least 15 minutes. Seek medical advice.

Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If irritation occurs, seek medical advice.

First aid facilities: Eye wash station.

Advice to doctor: Treat symptomatically.

SECTION 5 Fire Fighting Measures

Suitable extinguish media: Dry chemical, carbon dioxide, foam and water.

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.

Hazards from combustion products: Combustible; In case of fire protect against inhalation of combustions products. In combustion situations, there is production of oxides of nitrogen and hydrochloric acid gas. Keep away from sources of ignition of heat.

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, well ventilated 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

Engineering standards: Ensure ventilation is adequate. Keep containers closed when not in use.

Personal protection: Avoid personal contact. When using, do not eat, drink or smoke. Wear cotton overall buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves, face shield and disposable face mask. In the absence of adequate ventilation, use a respiratory fitted with an agricultural chemical cartridge(s). After use and before eating, drinking, smoking or using the toilet, wash hands, arms and face thoroughly with soap and water. Launder clothing and other protective equipment before storing or re-using.

Flammability: Combustible. Keep away from sources of ignition of heat.

SECTION 9 Physical & Chemical properties

Appearance: Liquid

Odour: Characteristic

pH: 6-8

SECTION 10 Stability & Reactivity

Stability: Stable under normal condition

Hazardous Polymerization: Will not occur

Conditions to avoid: Keep away from sources of ignition of heat.

Hazardous decomposition products: On combustion, there is production of oxides of nitrogen and hydrochloric acid gas.

Materials to avoid: Strong acids, bases, oxidizing substances

SECTION 11 Toxicological Information

Quizalofop-P-tefuryl technical

- Oral: Acute oral LD50 for rats 1012 mg/kg.
- Skin and eye: Acute percutaneous LD50 for rabbits >2000 mg/kg.

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- Mild eye irritation; non-irritating to skin (rabbits).
- Non-sensitizing to skin (guinea pigs).

SECTION 12 Ecological Information

Quizalofop-P-tefuryl technical

- Birds: Acute oral LD50 for bobwhite quail and mallard ducks >2150 mg/kg. LC50 (8 d) for bobwhite quail and mallard ducks >5000 ppm
- Fish: LC50 (96 h) for trout 0.51, sunfish 0.23 mg/l
- Daphnia: LC50 (48 h) >1.5 mg/l
- Algae: LC50 (5 d) for *Selenastrum sp.* >1.9 mg/l
- Bees: LD50 >100 µg/bee
- Worms: LC50 (14 d) >1000 mg/kg

SECTION 13 Disposal Considerations

Do not contaminate water, food, or feed by disposal. Empty containers should be triple rinsed into the spray tank during operation. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incinerating, or if allowed, by burning. If burned, stay out of smoke.

SECTION 14 Transport Information

UN No.: 3082

Class: 9

Packing group: III

SECTION 15 Regulatory Information

Hazard Symbols: N (Environmentally dangerous) & Xi (Irritant)

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 with other materials or in processes other than those specifically described herein.

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