

# WALKER 240 SC

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** WALKER 240 SC  
**Other identifier:** Methoxyfenozide 240 SC  
**Recommended use:** Insecticide  
**Restrictions on use:** Agriculture

**Supplier:** Villa Crop Protection (Pty) Ltd.  
**Co. Reg. No.:** 1992/002474/07  
 PO Box 10413  
 Aston Manor, 1630, South Africa

**Telephone:** (011) 3962233  
**Fax:** (011) 3964666  
**Website:** [www.villacrop.co.za](http://www.villacrop.co.za)

**Emergency telephone numbers:**  
**24 Hr Transport / Spill emergency no:**  
 (Hazcall24) +27 86 044 4411  
 (Client: Villa Crop Protection)  
 Griffon Poison Information Centre +27 82 446 8946  
 (Client: Villa Crop Protection)  
**Poisoning Emergency telephone numbers:**  
 Griffon Poison Information Centre +27 82 446 8946  
 Poisons Information Centre +27 861 555 777

## 2. HAZARDS IDENTIFICATION

UN GHS, Regulation EC 1272/2008 [EU-GHS/CLP] EU & SANS 10234:2008		
Hazard classes	Hazard categories	H-statements
<b>Health</b>		
Dermal	Skin Irritation 2	H315
Eye	Eye damage 1	H318
<b>Environment</b>		
Aquatic chronic	Aquatic chronic 3	H412

**The most important adverse effects:**  
**Physiochemical effects:**  
 None known.  
**Human health effects:**  
 Causes skin irritation.  
 Causes serious eye damage.

### Label elements:



**Signal word:** Danger  
**Hazard statements:**

H315: Causes skin irritation.  
 H318: Causes serious eye damage.  
 H412: Harmful to aquatic life with long lasting effects.

**Precautionary statements:**  
 P264+P265: Wash hands and face thoroughly after handling.  
 P273: Avoid release to the environment.  
 P280: Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.  
 P302+P352: IF ON SKIN: Wash with plenty of water and non-abrasive soap.  
 P305+354+338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P317: Get medical help.  
 P332+P317: If skin irritation occurs: get medical advice.  
 P362+P364: Take off contaminated clothing and wash it before reuse.  
 P501: Dispose of content/container to suitable landfill in accordance with local regulations.

**Special labelling of certain mixtures:** None known.  
**Other hazards:** None known.  
**Toxicity:**  
 Classification according to GHS: Unclassified.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance/Mixture:** Mixture.

### Composition:

Chemical Name	CAS	Conc. (m/v %)	Classification EC 1272/2008
Methoxyfenozide	161050-58-4	24 %	Aquatic Chronic 2 (H411)
Sodium Lauryl Sulfate	151-21-3	< 15 %	Acute Toxicity 4 (H302) Skin Irritation 2 (H315) Eye damage 1 (H318) Aquatic chronic 3 (H412)

## 4. FIRST AID MEASURES

Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure. If irritation develops consult a doctor.  
**Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.  
**Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and

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thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation occurs.**

**Eyes:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention if irritation occurs.**

**Ingestion:** Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

**Anticipated acute effects:** Causes skin irritation. Causes serious eye damage.

**Anticipated delayed effects:** None known.

**Most important symptoms/effects:** None known.

**Advice to physician:** There is no specific antidote available. Treat symptomatically and supportively.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use carbon dioxide or dry chemical for small fires and water fog or foam for large fires.

**Unsuitable Extinguishing Media:** High volume water jet. Use a water jet only to cool heated containers.

**Specific hazards:** Irritating or hazardous gases may be generated by thermal decomposition or combustion.

**Special fire-fighting procedures:** Remove spectators from surrounding area. Isolate the fire area and evacuate all personnel downwind of the fire. Fight fire from maximum distance and use unmanned hose holder or monitor nozzles. Remain upwind of fire. Avoid inhaling hazardous vapours and fumes from burning materials. Remove container from fire area if possible and without risk. Do not use high volume water jet, due to contamination risk. Do not scatter the burning material. Water can be used to cool unaffected containers but must be contained for later disposal. Contain fire control agents for later disposal. Avoid pollution of waterways by run-off from the site.

**Personal protective equipment:** Wear NIOSH / MSHA approved self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with eyes and skin. Avoid breathing in spray or fumes. Ventilate area of spill or leak, especially in contained areas.

**Protective equipment:** Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.

**Emergency procedures:** Alert firefighting personnel, evacuate unprotected personnel and animals.

**Environmental Precautions:** Prevent spilled product from entering sewers, waterways, or ground water. This product is classified as harmful to aquatic life with long

lasting effect. Any spillages or uncontrolled discharges into watercourses should be reported immediately to the police and the Department of Water / Environmental Affairs.

**Methods and Materials for Containment:** Contain spilled product by diking area with sand or earth.

**Methods and Materials for Clean-up:** Cover contained spill with an inert absorbent material such as sand, earth or other appropriate non-combustible material. Vacuum, scoop, or sweep up material and place the material into a clean, dry, sealable container. Label containers with the contents and dispose of according to local regulations. Do not place spilled material back in original container. Do not re-use spilled material. Collect washings and add to the drums already collected. Do not flush spilled material or washings into drains or waterways. To decontaminate the spill area, tools and equipment, wash with water and suitable detergent. Add the solution to the drums already collected. See section 13 for disposal considerations.

## 7. HANDLING AND STORAGE

**Handling:**

**Precautions for safe handling:** Avoid contact with eyes and skin. Ensure adequate ventilation during handling and use. Do not handle broken containers without protective equipment. Immediately clean up spills that occur during handling. Keep containers tightly closed when not in use. In the case of contact with the product refer to First Aid Measures – Section 4.

**General occupational hygiene:** Practice good hygiene when using this material. Wash hands before eating, drinking, chewing gum, smoking, using the toilet or applying cosmetics. Worker should shower at the end of each workday. Launder all clothing before it is re-used.

**Storage:**

**Conditions for safe storage:** Keep under lock and key and out of reach of unauthorised persons, children and animals. Store in its original, labelled container, tightly

closed in an isolated, dry, cool and well-ventilated area. Avoid excess heat. Not to be stored next to foodstuffs, feed and water supplies. Avoid cross contamination with other pesticides and fertilisers.

**Incompatible substances and mixtures:** Refer to product label.

**Packaging material:** Plastic containers.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Permissible concentration:** No occupational exposure limits has been determined for these specific formulants.

**Engineering Controls:**

It is essential to provide adequate ventilation. The measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. Local Exhaust: Provide general or local exhaust

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ventilation systems to maintain airborne concentrations below OELs or other specified exposure limits. Local exhaust ventilation is preferred. Ensure that control systems are properly designed and maintained. Comply with occupational safety, environmental, fire and other applicable regulations.

**Personal Protective Equipment:**

**Respiratory Protection:** For most well-ventilated conditions, no respiratory protection should be needed. If used in a poorly ventilated area (airborne concentrations exceed exposure limits), use a NIOSH approved air-purifying respirator.

**Hand Protection:** The use of chemically resistant gloves is recommended to prevent against skin contact.

**Eye Protection:** Employees must wear chemical safety goggles when handling the concentrate and when applying the product to prevent against eye contact. Contact lenses are not protective eye devices.

**Skin and Body Protection:** Employees must wear appropriate protective impervious clothing, boots, hat and equipment to prevent repeated or prolonged skin contact with this substance.

**Emergency eyewash:** Where there is any possibility that an employee's eyes may be exposed to this mixture; the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White homogeneous liquid suspension.

**Odour:** Aromatic solvents.

**pH (1% aqueous dilution):** 7.4 @ 24°C

**Melting point:** Not available.

**Freezing Point:** Not available.

**Boiling Point:** Not available.

**Flash Point:** Not available.

**Flammability:** Not flammable.

**Upper/lower explosion limits:** Not available.

**Vapour Pressure (mm Hg):** Not available.

**Relative Vapour Density:** Not available.

**Density:** 1.048 g/ml @ 24°C

**Solubility:** Suspends in water.

**n-octanol/water partition coefficient:** Not available.

**Auto-ignition temperature:** Not available.

**Decomposition temperature:** Not available.

**Viscosity:** Not available.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** The product is stable for two years at ambient temperature and pressure, under normal storage and handling conditions. Avoid storage under extreme temperatures and conditions. Store below 50 °C, preferably below 30 °C, and not for prolonged periods in direct sunlight.

**Reactivity:** None known.

**Possibility of Hazardous Reactions:** None known.  
**Conditions to Avoid:** Avoid extremes of heat or exposure to flames.

**Incompatible Materials:** Strong oxidizers, strong bases, strong reducing agents.

**Hazardous Decomposition Products:** Alcohols. carbon monoxide and carbon dioxide may form under burning conditions or with incomplete combustion.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:**

**Calculated according to GHS.**

**Oral LD<sub>50</sub> rat** > 10000 mg/kg (rats).

**Dermal LD<sub>50</sub>** > 15 000 mg/kg (rabbits).

**Inhalation LC<sub>50</sub> (4 h)** > 5.7 mg/l (rats).

**Skin Irritation/Corrosion:** Causes skin irritation.

**Eye Damage/Irritation:** Causes serious eye damage.

**Skin Sensitization:** Not available.

**Respiratory Sensitization:** Not available.

**Reproductive cell mutagenicity:** Not available.

**Carcinogenicity:** Not available.

**Reproductive toxicity:** Not available.

**Specific target organ toxicity – single exposure:** Not available.

**Specific target organ toxicity – repeated exposure:** Not available.

**Aspiration hazard:** Not available

**Chronic Effects:** Not available.

**POTENTIAL ADVERSE EFFECTS:**

**Skin contact:** Causes skin irritation.

**Eye contact:** Causes serious eye damage.

**Ingestion:** Do not ingest.

## 12. ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effect

**ECOTOXICITY DATA:**

**Methoxyfenozide**

**Fish:**

LC <sub>50</sub> (96 h)	Rainbow trout	>4.2 mg/l.
	Sheepshead Minnows	>2.8 mg/l.
	Fathead minnows	>3.8 mg/l.
	Bluegill sunfish	>4.3 mg/l.
	Carp	>4.9 mg/l.

**Daphnia:**

LC<sub>50</sub> (48 h) 3.7 mg/l.

**Algae:**

EC<sub>50</sub> (96 and 120 h) *Selenastrum* >3.4 mg/l.

**Birds:**

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Acute oral	Bobwhite quail	> 2250 mg/kg
LD <sub>50</sub>		
Dietary	Bobwhite quail & Mallard ducks	> 5620 mg/kg diet
LC <sub>50</sub> (8 d)		

**Bees:**

LD <sub>50</sub>	100 µg/bee
Contact	
LD <sub>50</sub> Oral	>2000 µg/bee

**Worms:**

LC <sub>50</sub> (14 d)	<i>Eisenia fetida</i>	> 1210 mg/kg soil
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**ENVIRONMENTAL EFFECTS:**

**Based on information for the active ingredient**

**Plants:** Not available.

**Persistence and degradability:** Photolytic DT<sub>50</sub> in pond water 77 days. Soil photolysis DT<sub>50</sub> 173 days; aerobic soil metabolism DT<sub>50</sub> 336-1100 d (4 soil types); field DT<sub>50</sub> 23-268 d (10 studies).

**Bio-accumulative Potential:** Log K<sub>ow</sub> 3.72. Rapidly absorbed, metabolised via phase II conjugation and eliminated.

**Mobility in soil:** K<sub>oc</sub> 200–922 ml/g (mean 402 ml/g), 9 soils; K<sub>d</sub> 0.93–1.06 (mean 0.98) (EU Rev. Rep.)

**Other adverse effects:** Not determined.

**13. DISPOSAL CONSIDERATIONS**

**Waste:** Open dumping or burning of this pesticide is prohibited. Waste resulting from the use of this product cannot be reused or re-processed. Never pour untreated waste or surplus product into public sewers or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers. Comply with local legislation applying to waste disposal. The product may be taken to a registered waste disposal site or incineration plant.

**Container:** Emptied containers retain product residues. Do not re-use the empty container for any other purpose. Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages. Observe all labelled safeguards until container is destroyed.

**14. TRANSPORT INFORMATION**

UN Number: Not regulated

Not classed i.e. considered non-hazardous material according to UN Orange Book and international transport codes e.g. RID (rail) and IMDG (sea).

**Special/Environmental Precautions:** Wedge drums tightly to avoid movement.

**Transport in bulk** (according to MARPOL 73/78, Annex II and the IBC code): Not available.

**15. REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation for the mixture:**

OHSA 1993 Regulations for Hazardous Chemical Substances.

**Relevant information regarding restrictions:** None.

**EU regulation:** Regulation EC1272/2008 (EU-GHS/CLP)

**Other national regulations:** None.

**Chemical Safety Assessment carried out?** No

**16. OTHER INFORMATION**

**Packaging:** Packed in 50, 100, 200, 250 and 500 ml and 1, 5, 10, 20, 25 and 50 litres plastic containers, labelled according to South African regulations and guidelines.

**Other hazard statements, abbreviations and explanations:**

**H302:** Harmful if swallowed.

**H411:** Toxic to aquatic life with long lasting effects.

**IATA:** International Air Transport Association.

**IBC:** International Bulk Chemical.

**ICAO:** International Civil Aviation Organization.

**IMDG:** International Maritime Dangerous Goods

**IMO:** International Maritime Organization.

**LD<sub>50</sub> value:** The median lethal dose or the amount of a toxic agent that is sufficient to kill 50 percent of a population within a certain period of time.

**OEL/RL:** Occupational exposure limit-recommended limit.

**TWA:** Time-weighted average – The average exposure over a specified period, usually a nominal eight hours.

**ST/STEL:** Short-term exposure limits.

**Disclaimer:** The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed. All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.

**END OF DOCUMENT**

Compiled: August 2016

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**Reviewed:** August 2022  
**Revision no.:** (4)  
**Next revision date:** August 2027

For detailed information on revisions, contact the Registration holder.