

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

### 1. IDENTIFICATION OF THE SUBSTANCE AND THE SUPPLIER

<b>Product name:</b>	CHIMERA 240 SC
<b>Active Ingredient:</b>	Methoxyfenozide 240 g/L
<b>Registration number:</b>	L11186
<b>Recommended use of the chemical and restrictions on use</b>	Insecticide
<b>Registration holder:</b>	<b>ADAMA South Africa (Pty) Ltd</b> Ground Floor, Simeka House The Vineyards Office Estate, 99 Jip de Jager Drive Bellville 7530
<b>Phone number:</b>	+ 27 21 982 1460
<b>Emergency phone number(s):</b>	Griffon Poison Information Centre: +27 (0)82 446 8946 Tygerberg Poison Information Centre: +27 (0)861 155 5777 SPILL TECH®: +27(0)86 100 0366; +27 (0)83 253 6618

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Hazard Class	Category	Hazard Statement Number
Acute Toxicity, Inhalation	Category 4	H332
Skin Corrosion/Irritation	Category 3	H316
Serious Eye Damage/Irritation	Category 1	H318
Reproductive toxicity	Category 2	H361
Aquatic Toxicity - Acute	Category 2	H401
Aquatic Toxicity - Chronic	Chronic 3	H412

#### GHS Label elements, including precautionary statements:



#### Signal word:

**DANGER**

#### Hazard statement(s):

H332: Harmful if inhaled.

H316: Causes mild skin irritation.

H318: Causes serious eye damage.

H361: Suspected of damaging fertility or the unborn child.

H401: Toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

#### Precautionary statement(s):

P261: Avoid breathing dust/fume/gas/mist/ vapours/spray.

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

P264+P265: Wash hands thoroughly after handling. Do not touch eyes.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P354 + P338: 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 help.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

P203: Obtain, read and follow all safety instructions before use.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P318: IF exposed or concerned, get medical advice.

### Other hazards which do not result in classification:

No data available

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (%)	Classification
Methoxyfenozide	161050-58-4	24	Acute dermal: Category 5. Acute inhalation: Category 4. Aquatic Toxicity, Acute: Category 2. Aquatic Toxicity, Chronic, Category 3.
Propane-1,2-diol	58161-11-8	8	Skin corrosion/irritation: Category 3. Serious Eye Damage/Irritation: Category 2.
Sodium Dodecyl Sulfate	151-21-3	2	Acute oral: Category 4. Acute dermal: Category 5. Acute inhalation: Category 4. Skin Corrosion/Irritation, Category 2. Serious Eye Damage/Irritation, Category 1. Aquatic Toxicity, Acute: Category 2. Aquatic Toxicity, Chronic: Category 3.
Naphthalenesulfonic acid, sodium salt, polymer with formaldehyde	9084-06-4	5	Skin Corrosion/Irritation, Category 2. Serious Eye Damage/Irritation, Category 1. Aquatic Toxicity, Chronic, Category 3.
Dimethylpolysiloxane	63148-62-9	0.2	Skin Corrosion/Irritation, Category 2. Serious Eye Damage/Irritation, Category 2. Reproductive toxicity: Category 2 Aquatic Toxicity, Chronic, Category 3.
Xanthan gum	11138-66-2	0.2	Skin Corrosion/Irritation, Category 2. Serious Eye Damage/Irritation, Category 2.

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

### 4. FIRST AID MEASURES

#### Description of necessary first aid measures:

Ingestion: If swallowed, wash out mouth with water. Do not induce vomiting. Keep patient at rest and seek medical advice, as follow.

Inhalation: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, and then give artificial respiration; if by mouth-to-mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.

Skin contact: Carefully remove contaminated clothing. Wash affected area with soap and water. Seek medical aid if at all worried.

Eye contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Advice to doctors: If poisoning occurs, immediately contact a doctor, and follow the advice given. Show this Material Safety Data Sheet to a doctor.

Antidote: No specific antidote.

#### Most important symptoms/effects, acute and delayed:

To date no symptoms are known.

#### Indication of immediate medical attention and special treatment needed:

There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media:

Dry chemical, water spray (fog), foam or carbon dioxide

#### Special hazards arising from the chemical:

Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Nitrogen oxides, Carbon monoxide, and Carbon dioxide.

#### Special protective actions for fire-fighters:

Firefighters should wear full protective clothing and self-contained breathing apparatus. If possible and without risk, remove intact containers from exposure to fire. Contain fire-fighting water by bundling area with sand or earth to prevent it entering any bodies of water.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures:

Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Do not allow to get into surface water, drains and ground water.

#### Environmental precautions:

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

### Methods and materials for containment and cleaning up:

Contain spilled material if possible. Small spills: Absorb with materials such as: Clay, Dirt and Sand. Sweep up. Collect in suitable and properly labeled containers. Large spills: See Section 13, Disposal Considerations, for additional information.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

General Handling: Keep out of reach of children. Do not swallow. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Use with adequate ventilation. See Section 8.

### Conditions for safe storage, including any incompatibilities:

Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment:

Eye protection: chemical goggles or face shield where splash may occur.

Respiratory protection: respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: organic vapor cartridge with a particulate pre-filter.

Protective clothing: PVC-coated gloves. Avoid skin contact.

Ventilation: General (mechanical) room ventilation is considered satisfactory.

Hygiene precautions: If skin contact or contamination of clothing is likely, protective clothing should be worn. Change to clean clothing if contaminated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color etc.):</b>	Tan Liquid
<b>Odor:</b>	Mild
<b>Odor threshold:</b>	No data available
<b>pH:</b>	6.8
<b>Melting point/freezing point:</b>	No data available
<b>Initial boiling point and boiling range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	Not Flammability
<b>Upper/lower flammability or explosive limits:</b>	No data available

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Relative density:</b>	1.034 g/ml
<b>Solubility(ies):</b>	Dispersible in water
<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available

### 10. STABILITY AND REACTIVITY

**Reactivity:**

Hazardous polymerization does not occur.

**Chemical stability:**

Stable at normal ambient temperature and pressure.

**Possibility of hazardous reactions:**

Will not occur.

**Conditions to avoid:**

No data available.

**Incompatible materials:**

No data available.

**Hazardous decomposition products:**

Does not decompose.

### 11. TOXICOLOGICAL INFORMATION

**Acute health effects:**

Causes serious eye damage.

Causes mild skin irritation.

**Numerical measures of toxicity:**

Acute oral LD50: > 5000 mg/kg

Acute dermal LD50: > 5000 mg/kg

Acute inhalation LC50: 5.0 mg/L

Eye Contact: Category 3

Skin Contact: Category 1

Skin Sensitization: Not a Sensitizer (Guinea Pig)

Germ cell mutagenicity: Not classified.

Not available

Carcinogenicity: Not available

Reproductive toxicity and Developmental toxicity: Category 2

Specific target organ toxicity (single exposure): Not available

Repeated dose toxicity and Specific target organ toxicity (repeated exposure): Not available

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity:

Bird - Acute LD50 > 2000 mg/Kg

Bluegill sunfish - Acute 96-hour LC50 130 mg/L

Daphnia magna - Acute 48-hour EC50 > 100 mg/L

Bee - Oral LD50 > 100 µg

#### Persistence and degradability:

Methoxyfenozide are persistent under most environmental conditions including those associated with most sustainable agricultural conditions.

#### Bio accumulative potential:

No data available.

#### Mobility in the soil:

No data available.

#### Other adverse effects:

Avoid release to the environment.

### 13. DISPOSAL CONSIDERATIONS

#### Safe handling of waste residues and disposal methods:

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

### 14. TRANSPORT INFORMATION

#### UN number:

Not applicable.

#### UN proper shipping name:

Not applicable.

#### Transport hazard class(es):

Not applicable.

#### Packing group, if applicable:

Not applicable.

#### Marine pollutant (Yes/No):

Not applicable.

#### Special precautions for user:

Not applicable.

## SAFETY DATA SHEET: CHIMERA 240 SC

Revision date: 28/03/2022

Version 2

Print date: 28/03/2022

---

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

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