



MATERIAL SAFETY DATA SHEET

CONFIRM 240 SC

SECTION 1: PRODUCT IDENTIFICATION

Product name: Methoxyfenozide 24% SC acid 2-(3, 5-dimethylbenzoic

Chemical name: 3-methoxy-2-methylbenzoic
1-dimethylethyl) hydrazide

Molecular formula: $C_{22}H_{28}N_2O_3$

CAS No.: 161050-58-4

Usage: Insecticide

SECTION 2: COMPOSITION AND INGREDIENT INFORMATION

Methoxyfenozide 98.0%

SECTION 3: HEALTH HAZARD INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Location

| Sapna Business Park (SBP) | | Kyang'ombe Road | | OFF ICD Road | | Nairobi - Kenya |



SECTION 4: FIRST AID MEASURES

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

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.

Inhalation: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, 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.

Note: Symptoms include headache, dizziness, weakness, and nausea. There is no special antidote, symptomatic treatment

SECTION 5: FIRE AND EXPLOSION INFORMATION

Extinguishing media: Use the following extinguishing media when fighting fires involving this material: carbon dioxide, dry chemical, water spray or foam.

Fire & explosion hazards: 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. Carbon dioxide.

Location

| Sapna Business Park (**SBP**) | | Kyang'ombe Road | | OFF ICD Road | | Nairobi - Kenya |



Fire-fighting equipment: Wear positive-pressure, self-contained breathing apparatus and full protective clothing. Do not allow water from fire-fighting to enter water supplies.

Special procedures: Keep people away. Isolate fire and deny unnecessary entry. This material does not burn. Fight fire for other material that is burning. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Action to take for spills/leaks: Contain and absorb small spills with inert materials with sand or earth. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Avoid breathing vapor. Keep spills and cleaning run-off out of municipal sewers and open bodies of water. If exposed to material during clean-up operations, remove all contaminated clothing promptly. Wash all exposed skin areas with soap and water immediately after exposure. Thoroughly launder clothing before reuse. Do not take clothing home to be laundered.

SECTION 7: HANDLING AND STORAGE

Handling: Keep out of reach of children. Do not handle material near food, feed or drinking water. Avoid contact with eyes and skin.

Storage: 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

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



Respiratory protection: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use a NIOSH approved air-purifying respirator. In dusty or misty atmospheres, use a NIOSH approved particulate respirator.

Skin protection: Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur.

Eye protection: Use safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white liquid

Odor: Characteristic

pH: 5.0-8.0

SECTION 10: STABILITY AND REACTIVITY INFORMATION

Stability: Stable under normal storage conditions

Incompatibility: Avoid contact with strong oxidizing agents

Hazardous decomposition products: None known

Hazardous polymerization: Not known to occur

Location

| Sapna Business Park (**SBP**) | | Kyang'ombe Road | | OFF ICD Road | | Nairobi - Kenya |



SECTION 11: TOXICOLOGICAL INFORMATION

Oral: Acute oral LD₅₀ for rats >5000 mg/kg.

Dermal: Acute percutaneous LD₅₀ for rats >5000 mg/kg.

Inhalation: LC₅₀ (4 h) for rats >5.0 mg/l.

Irritation: Not irritating to eyes; slightly irritating to skin (rabbits).

Sensitization: Not a skin sensitizer (guinea pigs).

SECTION 12: ECOLOGICAL INFORMATION

For tech:

Birds: LD₅₀ for mallard ducks and bobwhite quail >2000 mg/kg.

Fish: LC₅₀ (96 h) for sheepshead minnows 2.99, rainbow trout 4.69 mg/l.

Daphnia: LC₅₀ (48 h) 4.00 mg/l.

Algae: EC₅₀ (96 h) for Selenastrum 3.8 mg/l.

Bees: LD₅₀ >100 µg/bee.

Worms: LC₅₀ (14 d) for earthworms >1000 mg/kg soil.

SECTION 13: DISPOSAL CONSIDERATIONS

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 and regulations.

SECTION 14: TRANSPORT INFORMATION

UN: 3082

Class: 9

PG: III

SECTION 15: REGULATORY INFORMATION

Safety phrase(s):

S2: Keep out of the reach of children.

S13: Keep away from food, drink and animal feeding stuffs.

S35: This material and its container must be disposed of in a safe way.

S36/37: Wear suitable protective clothing and gloves.

S57: Use appropriate container to avoid environmental contamination.

SECTION 16: OTHER INFORMATION

The information contained in the 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 combinations with other materials or in processes other than those specifically described herein.