

MATERIAL SAFETY DATA SHEET

SaniChick

1 PRODUCT IDENTIFICATION

Product name SaniChick
Chemical name of active Imazalil
Ingredient(s)
Use Agricultural fungicide. End-use formulated product
Company identification SaniChem CC
P.O Box 16622
Dowerglen
1612
Emergency telephone + 27 82 44 222 44
+ 27 016 987 7777

2 COMPOSITION / INFORMATION ON INGREDIENTS

Information on hazardous ingredients		
Common name	CAS No	Value(s)
Imazalil	35554-44-0	100g/l
Guazatine Triacetate	115044-19-4	49 g/l

3 HAZARDS IDENTIFICATION

Human health hazards Harmful if swallowed
Risk of serious damage to eyes
Mild to moderate irritant to skin
Toxic if inhaled
The hazards are associated with the concentrate liquid only

4 FIRST AID MEASURES

Inhalation Remove victim to fresh air. If breathing is difficult, give oxygen. Get medical attention.
Ingestion Contac immediately a physician or poison centre. Induce vomiting preferably using Ipecac (APF) syrup. If far from hospital, give

	plenty of water to drink and induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person.
Skin contact	Flush thoroughly with water and wash affected area with soap and water. Remove contaminated clothing and wash prior to re-use. Obtain medical attention if irritation persists.
Eye contact	Immediately hold eyelids open and flush with a gently stream of water for 15 minutes. Obtain medical attention.
Note to physician	There is no specific antidote. Treat symptomatically and give supportive therapy. Perform gastric lavage and administer activated charcoal.

5 FIRE-FIGHTING MEASURES

Extinguishing media	In case of a small fire: foam, dry chemical or carbon dioxide In case of a large fire: water spray, fog or regular foam
Special fire-fighting	Evacuate non-essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Contain runoff to prevent contamination of any bodies of water. Prevent use of contaminated buildings, area and equipment until decontaminated
Protection of fire fighters	Wear suitable protective clothing. Self-contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid ingestion, do not eat, drink, smoke or apply cosmetics in areas where there is a potential for exposure to this material. Wash thoroughly after handling. To avoid eye contact, wear a face shield, or chemical goggles. To avoid skin contact, wear chemical-resistant gloves, suitable protective clothing and shoes. To avoid breathing mists or spray, wear an approved pesticides respirator.
Environmental precautions	Do not contaminate streams, rivers or waterways with the chemical or used containers.
Methods for cleaning up	Wear protective clothing and equipment as described. For small spills, cover the spill with absorbent material such as pet litter or sand. Sweep up and place in a suitable chemical container. Dike large spills and transfer to an appropriate container for disposal. Wash the spill area with a small amount of water container a strong detergent, absorb with absorbent material, sweep up and place in the chemical container. Seal and label the container, and

dispose of it in an approved manner. Flush the spill area with water to remove any residue. Do not allow wash water to contaminate water supplies or any body of water.

7 HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin or clothing and do not breathe spray mist or fumes. Do not eat, drink, smoke or apply cosmetics in areas where there is a possibility of exposure to this material. Always wash thoroughly after handling. Remove contaminated clothing and wash it before wearing again. If spilled, clean up promptly. Keep container closed when not in use.
Storage	Store the product in the original, closed containers in a well-ventilated, cool, dry, secure area set aside for pesticides. Do not store food, beverages or tobacco in the same area. Prevent product from freezing. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.
Packaging materials	Plastic bottles

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Industrial hygiene	Wash hands thoroughly after handling. Wash clothing before re-using
Occupational Exposure Limits	No occupational exposure limits have been established
Personal protection	
- Respiratory protection	During spray wear suitable respiratory equipment
- Skin protection	Wear protective clothing
- Hand protection	Chemical-resistant gloves
- Eye protection	Face shield or chemical goggles

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Transparent liquid
Colour	Light yellow to brown
Odour	Mild chemical Odour
Specific gravity	~1.076g/ml (CIPAC MT3)
Flash point	Greater than 110 degrees
Viscosity	Totally water miscible in all proportions
Flammable	Not flammable under normal conditions
Compatibility	Not compatible with wax
PH	7.0
Corrosive	Non-corrosive

Packaging 5 and 20 liters HDPE plastic containers using screw thread cap with ratchet and cutter

10 STABILITY AND REACTIVITY OF CONCENTRATE

Stability	Stable under normal conditions
Hazardous reactions	Hazardous polymerization will not occur
Materials to avoid	Strong bases and strong acids
Conditions to avoid	Protect from sunlight, open flame and heat sources. Imazalil decomposes upon heating.

11 TOXICOLOGICAL INFORMATION

Acute toxicity - Oral LD50	300 - 500 mg/kg
Acute toxicity - Dermal	LD50 >1000 mg/kg
Acute toxicity - Inhalation	LC50 = 225 mg/l
Skin irritation	Moderate irritant (rabbit)
Eye irritation	Severe irritant (rabbit)
Sensitization	Guinea pig maximization test: Sensitizer

12 ECOLOGICAL INFORMATION

Mobility	Immobile in soil. Does not leach to ground water.
Birds	LD50 (Mallard duck) > 2000 mg/kg (Imazalil) LD50 (pigeon) = 82m/kg (Guazatine)
Fish	LC50 (Rainbow trout) (96h) = 2.5 mg/l (Imazalil) LC50 (Rainbow trout) (96h) = 1.41mg/l (Guazatine)
Bees	Not toxic

13 DISPOSAL CONSIDERATIONS

Disposal	Dispose of this material and its container at hazardous or special waste collection point
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14 TRANSPORT INFORMATION

UN number	2902
Proper shipping name	Pesticide, liquid, toxic n.o.s (Guazatine and Imazalil)
Packing group	III

15 REGULATORY INFORMATION

Hazard symbol(s) Xn, N



Risk phrases R22 -36

16 OTHER INFORMATION

During industrial fogging, no adverse health problems are envisaged from the fog due to the very small quantities of active ingredients present per cubic meter of fog (ppm). However, as in keeping with all chemical products of this nature, it is recommended that continual exposure to the fog should be avoided as some people may become irritated.