

**FARM-AG INTERNATIONAL (Pty) Ltd**

P.O. Box 1523, Durban 4000

Head Office : 61 Marshall Dr., Old Mill Industrial Park, Mount Edgecombe **South Africa**

Registration Number: 2005/011761/07

Tel + 27 31 003 3486 • Fax + 27 31 502 5825

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****Product Name:** GUILLOTINE 750 WG**Creation Date:** March 2010**Revision Date:** March 2021**24 Hr Emergency Number:** 082 771 2712**In case of poisoning:**

Poison Information Centre: 082 446 8946

Tygerberg Hospital: (021) 931 6129

Poison Emergency Enquiries (021) 689 5227

**In case of Spillage:**

HAZMAT: 0800 147 112

**SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS****Chemical nature:**

Water dispersible granules (WG), contains:

Isoxaflutole 75.0 % w/w

**Hazardous components**

Chemical Name	CAS-No.	Symbol(s)	R-Phrase(s)	Concentration [%]
Isoxaflutole	141112-29-0	Xn, N	R50/53 R63	75.00

**SECTION 3 - HAZARD IDENTIFICATION****Risk advice to man and the environment**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of harm to the unborn child.

**SECTION 4 - FIRST AID MEASURES AND PRECAUTIONS**

General advice : Remove contaminated, soaked clothing immediately and dispose of safely.

Inhalation : Move the patient to fresh air and keep at rest. If symptoms persist, call a physician.

Skin contact : Wash off immediately with soap and plenty of water. Seek medical aid if at all worried.

Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion : Do not induce vomiting. Wash out mouth with water. Keep at rest. Obtain medical attention.

**Notes to physician**

Symptoms : Local : To date no symptoms are known.

Symptoms : Systemic : To date no symptoms are known.

Treatment : Local treatment:  
Initial treatment should be symptomatic and supportive.

Treatment : Systemic treatment:  
Initial treatment should be symptomatic and supportive.

**SECTION 5 - FIRE-FIGHTING MEASURES**

Suitable extinguishing : water spray jet  
Media carbon dioxide (CO<sub>2</sub>)  
dry powder  
foam

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Extinguishing media which must not be used for safety reasons	high volume water jet
Specific hazards during fire fighting	In case of fire the evolution of dangerous gases is possible .
Special protective equipment for fire-fighters	In the event of fire and/or explosion do not breathe fumes Wear self contained breathing apparatus for fire fighting if necessary.
Further information :	Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Whenever possible, contain fire-fighting water by bunding area with sand or earth.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES (SPILLAGE)**

Personal precautions :	Avoid dust formation. Avoid contact with spilled product or contaminated surfaces. When dealing with a spillage do not eat, drink or smoke.
Environmental precautions :	Keep people and animals away. Do not discharge into the drains/surface water/groundwater. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).
Methods for cleaning up :	Vacuum up spilled product Transfer collected material to heavy duty plastic drums and keep safe for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations
Additional advice :	Information regarding safe handling, see section 7. Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13. Check also for any local site procedures

**SECTION 7 - HANDLING AND STORAGE REQUIREMENTS****Handling**

Advice on safe handling :	No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Avoid dust formation. Provide good ventilation of working area (local exhaust ventilation if necessary).
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Advice on protection: against fire and explosion	The product is combustible. Dust can form an explosive mixture with air.
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**Storage**

Requirements for storage: areas and containers	Keep container tightly closed in a dry and well-ventilated place. Store in a place accessible by authorized persons only
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Further information on: storage conditions	Protect against heat and direct sunlight Protect against moisture.
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Advice on common storage : Keep away from food, drink and animal feedingstuffs.

Storage temperature : 0 - 30 °C

Suitable materials : Keep in original packaging, tightly closed.

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**SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION**

Refer to COSHH assessment (Control of substances Hazardous to Health Regulations 1999 as amended). Engineering controls should be used in preference to personal protective equipment wherever practicable.

**Personal protective equipment**

Respiratory protection :	Dust mask
Hand protection :	Chemical resistant gloves PVC gloves nitrile gloves
Eye protection :	Chemical resistant goggles must be worn.
Skin and body protection :	Light protective clothing, PVC PVC boots
Hygiene measures :	When using, do not eat, drink or smoke. Remove soiled clothing immediately. Remove soaked clothing immediately. Clean hands and face at work intervals and after work. Work in an adequately ventilated room.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form :	granular, solid
Colour :	beige to brown
Odour :	odourless

**Safety data**

pH :	4.0 - 6.0 at 10 g/l
Bulk density :	ca. 0.7 kg/m <sup>3</sup>
Water solubility :	Note: dispersible
Partition coefficient :	log Pow: 2.32
(n-octanol/water) :	at: 20 °C. Note: The value mentioned relates to the active ingredient isoxaflutole.
Other information :	Combustible solid product.

**SECTION 10 - STABILITY AND REACTIVITY**

Conditions to avoid :	Note: Extremes of temperature and direct sunlight.
Materials to avoid :	None
Hazardous reactions :	No hazardous reactions when stored and handled according to prescribed instructions. Note: Stable under normal conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Acute oral toxicity :	LD <sub>50</sub> (rat) > 5,000 mg/kg
Acute inhalation toxicity :	LC <sub>50</sub> (rat) > 5.26 mg/l Exposure time: 4 h
Acute dermal toxicity :	LD <sub>50</sub> (rat) > 2,000 mg/kg
Skin irritation :	rabbit Result: slight irritant effect - does not require labeling
Eye irritation :	rabbit Result: slight irritant effect - does not require labeling
Sensitization :	guinea pig Result: non-sensitizing Method: OECD Test Guideline 406, Buehler test

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**SECTION 12 - ECOLOGICAL INFORMATION****Ecotoxicity effects**

Toxicity to fish :	LC <sub>50</sub> : > 65.0 mg/l Rainbow trout Exposure time: 96 h
Toxicity to daphnia :	EC <sub>50</sub> : 5 mg/l Water flea (Daphnia magna) Exposure time: 48 h
Toxicity to algae :	LC <sub>50</sub> : 10.5 mg/l Algae Exposure time: 72 h

**SECTION 13 - DISPOSAL CONSIDERATION**

Incineration in a licensed installation, product and contaminated packaging.  
Manufacturer's packaging must be completely empty

**14. TRANSPORT INFORMATION**

<b>ADR/RID :</b>	UN-No	3077
	Class	9
	Packaging group	III
	Hazard no.	90
	Description of the goods	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S. ( ISOXAFLUTOLE MIXTURE)
<b>ADNR :</b>	UN-No	3077
	Class	9
	Item	12
	Letter	c
	Description of the goods	3077 Environmentally hazardous substance, solid, n.o.s. (ISOXAFLUTOLE MIXTURE)
<b>IMDG :</b>	N-No	3077
	Class	9
	Packaging group	III
	EmS	NONE
	Marine pollutant	P
	Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S ( ISOXAFLUTOLE MIXTURE)
<b>IATA :</b>	UN-No	3077
	Class	9
	Packaging group	III
	Description of the goods	Environmentally hazardous substance, solid, n.o.s. (ISOXAFLUTOLE MIXTURE)
<b>CDG CPL :</b>	UN-No	3077
	Class	9
	Packaging group	III
	Hazard identification number	90
	Emergency action code	2X
	Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXAFLUTOLE)

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**15. REGULATORY INFORMATION**

This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3.

Hazardous components which must be listed on the label:

- Isoxaflutole

Symbol(s) : Xn Harmful  
N Dangerous for the environment

R-phrase(s) : R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R63 Possible risk of harm to the unborn child.

S-phrase(s) : 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 containment to avoid environmental contamination.

Exceptional labelling of : Restricted to professional users To avoid risks to man and the environment, comply with the instructions  
special preparations for use.

Further information : WHO-classification: III (Slightly hazardous)

**16. OTHER INFORMATION****Further information**

Text of R phrases mentioned in Section 2:

R22 Harmful if swallowed.

R36/37 Irritating to eyes and respiratory system.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R63 Possible risk of harm to the unborn child.

The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Changes since the last version will be highlighted in the margin. This version replaces all previous versions