HOJA DE DATOS TÉCNICOS

1: IDENTIFICACIÓN DEL PRODUCTO Y FABRICANTE

Isoxaflutole 75% WG

SUPPLIER NAME:	Bengbu Bioagriland FaithChem Co., Ltd.
SUPPLIER ADDRESS:	No. 23, Feihezhong Road, Mohekou Industrial Park, Huaishang District, Bengbu City, Anhui Province, China
SUPPLIER PHONE:	025-86304886/ 86304885
SUPPLIER FAX:	025-86304886/ 86304885
CHEMICAL NAME:	5-cyclopropyl-1,2-oxazol-4-yl a,a,a-trifluoro-2-mesyl-p-tolyl ketone
CAS NUMBER:	141112-29-0
MOLECULAR FORMULA:	$C_{15}H_{12}F_3NO_4S$
MOLECULAR WEIGHT:	359.3
CHEMICAL FAMILY:	Isoxazole
USE:	Herbicide

2: COMPOSICIÓN / INFORMACIÓN DE LOS INGREDIENTES

ISOXAFLUTOLE	75%
OTHER INGREDIENTS	25%

3: PROPIEDADES FÍSICAS Y QUÍMICAS

Appearance:	White to brown granule
Odor:	Characteristic
Density:	0.70 g/cm^3
pH:	7.5-10.5
Solubility:	Dispersible in water
Decomposition temperature:	Not available
Inflammability:	No flammable
Explosivity:	Not explosive
Surface tension:	0.05172 N m^{-1}, at 25 °C
Other information:	Corrosion rate for stainless steel: 0.0005 mm/year
	Corrosion rate for copper: 0.0004 mm/year
	Corrosion rate for iron: 0.0767 mm/year
	Corrosion rate for brass: 0.0003 mm/year

4: USO AGRONÓMICO

Isoxaflutole 75% WG es un herbicida de uso agrícola.

5: MODO Y MECANISMO DE ACCIÓN

Isoxaflutole 75% WG es un herbicida preemergente selectivo para el control de malezas de hoja ancha y gramíneas preemergentes. Se absorbe a través de las hojas y raíces inhibiendo la biosíntesis de carotenoides produciendo clorosis en el nuevo crecimiento y muerte de la maleza.

6:FORMA DE PREPARACIÓN DE LA MEZCLA:

Llene el tanque del equipo hasta la mitad con agua limpia, ajuste el pH 5-7; añadir la dosis recomendada del producto, agitar, observe la formación de una mezcla estable y homogénea y termine de llenar con agua limpia el volumen del tanque de aplicación, agitar. Use la mezcla el mismo día de la preparación. El equipo y los utensilios (cubetas, paletas, dosificadores, etc.) usados durante la preparación de

la mezcla, deben ser lavados después de cada jornada de trabajo; no contaminar fuentes de agua. Recuerde brindar mantenimiento permanente al equipo de aplicación.

7: INFORMACIÓN TOXICOLÓGICA

LD50 (oral, rats): > 5000 mg/kg

LD50 (dermal, rats): > 2000 mg/kg

LC50 (Inhalation 4h, rats): > 3.07 mg/L

EYE IRRITATION: Not irritating to the eyes.

SKIN IRRITATION: Non-irritating to skin.

SENSITIZATION: It is not classified as a skin sensitizer.

MUTAGENICITY IN GERM CELLS: Not classified as mutagenic.

CARCINOGENICITY: not available.

8: COMPATIBILIDAD

Isoxaflutole 75% WG es compatible con la mayoría de herbicidas pre y post emergentes. No mezclar con productos altamente alcalinos. Se recomienda hacer una pre-mezcla de compatibilidad previa a la mezcla final.

9: MANEJO Y ALMACENAMIENTO

Technical measures appropriate for handling:

Precautions for safe handling: Make sure that the containers are kept closed until the product is used. Avoid contact with eyes and skin and inhalation of dust. Avoid the formation of dust. Handle the product in an open and ventilated place. Food and drink should not be stored or consumed where this material is in use.

Hygiene measures: Wash hands after use. Wash clothing and personal protective equipment after use. Clothes that cannot be cleaned should be discarded. Keep work clothes separate from the rest.

Conditions for safe storage, including any incompatibilities

Fire prevention and explosion: Keep away from heat and sources of ignition.

Proper conditions: Store in closed original containers in a dry, cool and well-ventilated place, away from children, animals and food. Protect from direct exposure to sunlight and extreme temperatures.

Suitable materials for packing: Similar to the original packaging.

Unsuitable materials for packing: No unsuitable materials are known for this product.

10: MEDIDAS POR DERRAMES ACCIDENTALES

Recommended methods for final use

Product: Disposal must be carried out in accordance with current federal, state and local laws and regulations.

Product remnants: Keep product remnants in their original and properly closed packaging. The disposal must be carried out as established for the product.

Used packaging: Do not reuse empty packaging. These may contain remnants of the product and must be kept closed and forwarded for proper disposal as established for the product.