



CHAMPION FARMOQUÍMICO LTDA  
Avenida Diomício de Freitas s/n. LOTE 12 D.A.I.A.  
CEP: 75 132 – 000 ANÁPOLIS – GOIÁS BRAZIL  
Fone / Fax: 55 62 ) 3310– 0722 / Fax: 55 62 3310– 0725  
e-mail: info@champion.ind.br website: www.champion.ind.br

## Safety Data Sheet

### Section 1 - Product and Company Identification

**Product Name:** JustiFLY (3% Diflubenzuron Feedthrough)

**Product Number:** 000.048

**Manufacturer:** Champion Farmoquímico LTDA

**Technical Phone:** 55 62 3310 - 0722

**Fax Phone:** 55 62 3310-0725

**Emergency Phone in Brazil:** 0800 11 3560

**Emergency Phone in USA:** 954 573 8090

### Section 2 - Hazards Identification

- Label Precautionary Statements Caution
- Most Important Hazards: Product Is Not Flammable And Toxic.
- When heated may release Oxides of Sulfur
- Effects Of Product: Skin Contact, Eye Contact: Causes Irritation Moderate.
- Main Symptoms: If Inhaled Or Swallowed In Large Quantities: Headaches, Nausea.
- Chemical Classification: Non toxic.
- Special Instructions: Not Hazards To Humans And The Environment.
- May be toxic to Aquatic Organisms, May Cause Adverse Effects.

### Section 3 - Composition/Information on Ingredient

- **Substance Name:** Diflubenzuron
- **Synonyms:** Benzamide,N-(((4-chlorophenyl)amino)carbonyl)-2,6-difluoro-  
\*N-(((4-Chlorophenyl)amino)carbonyl)-2,6-difluorobenzamide \*1-(4-Chlorophenyl)-3-(2,6-  
difluorobenzoyl)urea \*Diflubenzuron \* Difluron \* Dimilin \* DU 112307 \*
- **Chemical Nature:** Benzoylurea
- **Chemical Abstrat Service ( CAS ): 35367-38-5.**
- **Ingredient :** Diflubenzuron: 3 % (w/w)



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#### Section 4 - First Aid Measures

**INHALATION:** Move victim to fresh air, keeping victim quiet and comfortable. If you need to initiate breathing, do not perform mouth-to-mouth resuscitation. Artificial respiration only.

**SKIN CONTACT:** Remove contaminated clothing. Do not rub the affected areas. Wash with soap and water in abundance.

**EYE CONTACT:** Flush with running water for at least 15 minutes. Seek medical attention according to the product label directions.

**INGESTION:** If victim is conscious, induce vomiting. If the victim is unconscious, do not give them anything to eat or drink. Transport to hospital immediately.

**NOTES:** Emergency treatment and medical treatment after overexposure should be directed to the control of the whole picture of symptoms and clinical conditions. There are no specific antidotes.

#### Section 5 - Fire Fighting Measures

- **EXTINGUISHING MEDIA:** Water, foam, chemical powders and carbon dioxide.
- **SPECIFIC HAZARDS:** May produce irritating and toxic fumes when heated to Oxides of Nitrogen, Oxides of carbon, HCl or HF.
- **SPECIAL METHODS:** Move out or cool all containers and equipment exposed to fire or heat. Prevent fire fighting water to reach streams.
- **PROTECTION OF FIREFIGHTERS:** Complete protection against fire and SCBA respiratory protection.

#### Section 6 - Measures For Accidental Spill

- **PERSONAL PRECAUTIONS:** Wear boots, waterproof clothes and gloves, safety goggles and appropriate respiratory protection. Do not let people without individual protection equipment near the area. No smoking on site and signal properly.
- **ENVIRONMENTAL PRECAUTIONS:** If possible stop the leak and prevent the spread of product by avoiding contact with skin and clothing. Prevent the product or the waters of the emergency services reach watercourses, gutters, culverts or storm drains. In the event of significant spillage, count with dikes of earth, sand or similar.
- **METHODS FOR CLEANING:** Shut off leak and remove as much product as possible. Do not dispose in regular trash or water courses. The final disposal or treatment should always be done in approved facilities.



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## Section 7 - Handling and Storage

- **HANDLING:** Provide local exhaust ventilation where processes require. Should use personal protective equipment to avoid contact with skin and mucous membranes. Complying with general safety and industrial hygiene. Open and handle containers carefully.
- **STORAGE:** Keep away from light and at room temperature, store the product in original packaging.

## Section 8 - Exposure Controls / PPE

- **PROPER PROTECTIVE EQUIPMENT:** Use respirator for retention of particles in open environments, gloves should be waterproof PVC, safety goggles, protective clothing, aprons and PVC boots.
- **SPECIAL PRECAUTIONS:** Product handling facilities should have an emergency shower and eye washer.
- **HYGIENE MEASURES:** Wash clothes and shoes after use, general methods of control used in industrial hygiene should minimize exposure to the product. Do not eat or drink while handling chemicals, wash hands before meals and at the end of the workday.

## Section 9.0 Physical And Chemical Properties

**Appearance and odor:** Odorless, tan to reddish brown particles

**Boiling point:** Above 1,000 ° C. (1,832°F )

**Solubility:** Soluble in Organic Solvents.

**Decomposition Temperature:** No data available

## Section 10.0 Stability And Reactivity

**Special Conditions:** Stable at room temperature and under normal use. Relatively stable in heat.

**Materials to Avoid:** Not identified.



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## Section 11.0 Toxicological Information

### Acute Effects

May Be Harmful if inhaled, ingested or if absorbed by skin.  
May Cause Eye Irritation.  
May Cause Skin Irritation.  
Material May Be Irritating To Mucous Membranes And Upper Respiratory Tract.

**Orl-Rat Ld50:** 5000 mg/Kg  
**Skn-Rat Ld50:** >10 g/Kg  
**Ipr-Rat Ld50:** >7500 mg/Kg  
**Scu-Rat Ld50:** >3400 mg/Kg  
**Skn-Rbt Ld50:** 2 g/Kg

**Orl-Mus Ld50:** 4640 mg/Kg  
**Skn-Mus Ld50:** >6200 mg/Kg  
**R-Mus Ld50:** 2150 mg/Kg  
**Scu-Mus Ld50:** >4 g/Kg  
**Unr-Mus Ld50:** 4600 mg/Kg

## Section 12.0 Ecotoxicity

Acute Toxicity [Values for the technical active ingredient only]:  
**Fish:** LC50 >106.4 mg/L (rainbow trout); LC50 >64.8 mg/L (zebra fish).  
**Aquatic invertebrates:** LC50 = 0.0026 mg/L (Daphnia magna);  
**Plants:** IC50 >80 mg/L (Selenastrim capricornutum).

## Section 13.0 Disposal Considerations

- **WASTE DISPOSAL:** Do not dump directly into sewers and waterways.
- **DESTRUCTION / DISPOSAL:** In accordance with the laws and regulations in force.
- **CLEAN DIRTY PACKAGING:** Wash with soap and water.
- **DESTRUCTION / DISPOSAL OF PACKAGING:** If you can, forward the packages to a specific collection. Do not reuse them.

## Section 14.0 Transport Information

PRODUCT NOT FOUND IN THE ORDER IN FORCE ON TRANSPORTATION OF DANGEROUS GOODS



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AIR TRANSPORTATION DGR - IATA

PRODUCT NOT FOUND IN RULES IN FORCE ON TRANSPORTATION OF DANGEROUS GOODS

#### Section 15.0 Regulatory Information

**CERCLA (Superfund):** Not regulated

**RCRA:** Not regulated

#### SARA 311/312 HAZARD CATEGORIES:

**Immediate Health:** Yes

**Delayed Health:** No

**Fire:** No

**Sudden Pressure:** No

**Reactivity:** No

#### Section 16.0 Other Information

The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself or herself its suitability for any particular application.

|               | <b>Name</b>   | <b>Function</b>   | <b>Date</b> |
|---------------|---------------|-------------------|-------------|
| Elaborate by: | Ciclone Nunes | Quality Control   | 14/03/2016  |
| Revised by:   | Ciclone Nunes | Quality Control   | 24/05/2016  |
| Approved by:  | Adriano Magno | Technical Manager | 24/05/2016  |