

# SAFETY DATA SHEET



## AZIMSULFURON 50 WG (PASTE EXTRUDED)

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

This SDS adheres to the standards and regulatory requirements of India and may not meet the regulatory requirements in other countries.

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** : AZIMSULFURON 50 WG (PASTE EXTRUDED)

**Other names** : B12702080  
DPX-A8947 50PX  
Segment®

**Recommended use of the chemical and restriction on use**

Recommended use : Herbicide

Restrictions on use : Do not use product for anything outside of the above specified uses.

**Manufacturer, importer, supplier, representative office**

Company : FMC INDIA PRIVATE LIMITED  
Street address : Embassy Star, No. 8,  
Palace Road, High Grounds, Gurgaon - 122002, Haryana  
Bangalore – 560 052  
India

Customer care  
representative: : +91-80-22384311,

**For fire, leak, spill or  
other accident  
emergencies:** : U.S.A.: +1 800 / 424 9300 (CHEMTREC)  
All other countries: +1 703 / 527 3887 (CHEMTREC - Collect)

### 2. HAZARDS IDENTIFICATION

**Product hazard classification**

Acute toxicity (Dermal) : Category 5  
Carcinogenicity : Category 1A  
Acute aquatic toxicity : Category 1  
Chronic aquatic toxicity : Category 1  
Endpoints which are not classified, cannot be classified or are not applicable are not shown.

**Label content**

Pictogram :



Signal word : Danger

Hazardous warnings : May be harmful in contact with skin.  
May cause cancer.  
Very toxic to aquatic life with long lasting effects.

Precautionary  
statements : Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.

# SAFETY DATA SHEET



## AZIMSULFURON 50 WG (PASTE EXTRUDED)

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

Wear protective gloves/ protective clothing/ eye protection/ face protection.  
Call a POISON CENTER/doctor if you feel unwell.  
Collect spillage.  
Store locked up.  
Dispose of contents/ container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature** : Mixture

#### Components

Chemical name	CAS-No.	Concentration
Azimsulfuron	120162-55-2	50 %
Other Ingredients		50 %

### 4. FIRST AID MEASURES

Never give anything by mouth to an unconscious person.  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Inhalation** : Move to fresh air. Artificial respiration and/or oxygen may be necessary. Call a poison control center or doctor for treatment advice.

**Skin contact** : Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.

**Eye contact** : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Ingestion** : Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Do not give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed** : No information available.

**Protection of first-aiders** : No information available.

**Notes to physician** : No information available.

### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Water spray, Dry chemical, Foam, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media** : High volume water jet, (contamination risk)

**Specific hazards** : No information available.

# SAFETY DATA SHEET



## AZIMSULFURON 50 WG (PASTE EXTRUDED)

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

**Special protective equipment for firefighters** : Wear full protective clothing and self-contained breathing apparatus.

**Specific extinguishing methods** : No information available.

**Further information** : No information available.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** : Wear personal protective equipment.

**Environmental precautions** : No information available.

**Methods and materials for containment and cleaning up** : Clean-up methods - small spillage Sweep up or vacuum up spillage and collect in suitable container for disposal.  
Clean-up methods - large spillage Prevent further leakage or spillage. Use approved industrial vacuum cleaner for removal. Shovel into suitable container for disposal.

**Additional advice** : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### 7. HANDLING AND STORAGE

#### Handling

**Technical measures/Precautions** : Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

**Precautions for safe handling** : Keep away from heat and sources of ignition. Avoid dust formation in confined areas. During processing, dust may form explosive mixture in air.

#### Storage

**Suitable storage conditions** : Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Keep out of the reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

No occupational exposure limit values are applicable.

**Engineering measures** : Ensure adequate ventilation, especially in confined areas.

**Biological occupational exposure limits** : No information available.

#### Personal protective equipment

**AZIMSULFURON 50 WG (PASTE EXTRUDED)**

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

Respiratory protection	:	Where there is potential for airborne exposures in excess of applicable limits, wear approved respiratory protection with dust/mist cartridge.
Hand protection	:	Material: Protective gloves
Eye protection	:	Safety glasses with side-shields conforming to EN166
Skin protection	:	Wear protective clothing such as gloves, apron, boots, or coveralls, as appropriate.
<b>Hygiene measures</b>	:	Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance (Physical state, form, colour, etc.)**

Physical state	:	solid
Form	:	extruded granules
Colour	:	off-white, light tan

**Odour** : Faint odour lignin like**Odour Threshold** : No information available.**pH** : 5.7**Melting point/freezing point**

No information available.

**Initial boiling point and boiling range**

No information available.

**Flash point** : Not applicable**Evaporation rate** : No information available.**Flammability (solid, gas)** : No information available.**Upper/lower flammability or explosive limits**

Upper explosion limit	:	No information available.
Lower explosion limit	:	No information available.

**Vapour pressure** : No information available.**Vapour density** : No information available.**Density**

Bulk density : no data available

**Solubility(ies)**

Water solubility : dispersible

**Partition coefficient: n-** : No information available.

**AZIMSULFURON 50 WG (PASTE EXTRUDED)**

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

**octanol/water****Auto-ignition temperature**

Auto-ignition temperature : not auto-flammable

**Decomposition temperature**

: No information available.

**Viscosity**

Viscosity, kinematic : No information available.

**Molecular weight**

: No information available.

**10. STABILITY AND REACTIVITY****Reactivity**

: No information available.

**Chemical stability**

: Stable at normal temperatures and storage conditions.

**Possibility of hazardous reactions**

: Polymerization will not occur.

**Conditions to avoid**

: No information available.

**Materials to avoid**

: No information available.

**Hazardous decomposition products**: Hazardous decomposition products  
Carbon oxides, Nitrogen oxides (NOx)**11. TOXICOLOGICAL INFORMATION****Acute toxicity****Oral**AZIMSULFURON 50 WG (PASTE EXTRUDED) : LD50/Rat: > 5,000 mg/kg  
Method: OECD Test Guideline 401  
(Data on the product itself), Information source: Internal study report**Inhalation**

Azimsulfuron : LC50/4 h/Rat(dust/mist): &gt; 5.94 mg/l

**Dermal**AZIMSULFURON 50 WG (PASTE EXTRUDED) : LD50/Rat: > 2,000 mg/kg  
Method: OECD Test Guideline 402  
(Data on the product itself), Information source: Internal study report**Skin corrosion/irritation**AZIMSULFURON 50 WG (PASTE EXTRUDED) : Species: Rabbit  
Result: No skin irritation  
Method: OECD Test Guideline 404  
(Data on the product itself) Information source: Internal study report**Serious eye damage/eye irritation**AZIMSULFURON 50 WG (PASTE EXTRUDED) : Species: Rabbit  
Result: No eye irritation  
Method: OECD Test Guideline 405  
(Data on the product itself)  
Information source: Internal study report

**AZIMSULFURON 50 WG (PASTE EXTRUDED)**

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

**Respiratory or skin sensitisation**

AZIMSULFURON 50 WG (PASTE EXTRUDED) : Maximisation Test  
Species: Guinea pig  
Result: Animal test did not cause sensitization by skin contact.  
Method: OECD Test Guideline 406  
(Data on the product itself)  
Information source: Internal study report

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

**Reproductive toxicity**

No information available.

**Specific Target Organ Toxicity**

Specific target organ toxicity - single exposure

Azimsulfuron : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity - repeated exposure

Azimsulfuron : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Aspiration hazard**

Azimsulfuron : No aspiration toxicity classification

**Other**

Azimsulfuron : Repeated dose toxicity:  
The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions.  
Oral - feed/multiple species  
No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification., Reduced body weight gain, Abnormal decrease in number of red blood cells, Organ weight changes

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

Acute and prolonged toxicity to fish

AZIMSULFURON 50 WG (PASTE EXTRUDED) : LC50/96 h/Oncorhynchus mykiss (rainbow trout): 492 mg/l  
Method: OECD Test Guideline 203  
(Data on the product itself), Information source: Internal study report

Toxicity to aquatic plants

AZIMSULFURON 50 WG (PASTE EXTRUDED) : EbC50/72 h/Pseudokirchneriella subcapitata (green algae): 0.015 mg/l  
Method: OECD Test Guideline 201  
(Data on the product itself), Information source: Internal study report  
ErC50/72 h/Pseudokirchneriella subcapitata (green algae): > 0.188 mg/l  
Method: OECD Test Guideline 201  
(Data on the product itself), Information source: Internal study report

# SAFETY DATA SHEET



## AZIMSULFURON 50 WG (PASTE EXTRUDED)

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

### Acute toxicity to aquatic invertebrates

AZIMSULFURON 50 WG (PASTE EXTRUDED) : EC50/48 h/Daphnia magna (Water flea): > 1,000 mg/l  
Method: OECD Test Guideline 202  
(Data on the product itself), Information source: Internal study report

### Persistence and degradability

Azimsulfuron : Result: Not biodegradable

### Bioaccumulation

No information available.

### Mobility in soil

No information available.

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods** : In accordance with local and national regulations. The product should not be allowed to enter drains, water courses or the soil.

**Contaminated packaging** : Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

### IMDG

UN number : 3077  
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Azimsulfuron)  
Transport hazard class : 9  
Packing group : III  
Hazchem Code : 2Z  
Marine pollutant : yes

### IATA

UN number : 3077  
UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Azimsulfuron)  
Transport hazard class : 9  
Packing group : III

Special precaution which a user to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises : Not applicable

## 15. REGULATORY INFORMATION

Product subject to regulatory requirements under the Insecticides Act, 1968 and Insecticides Rules, 1971

**AZIMSULFURON 50 WG (PASTE EXTRUDED)**

Version 1.0

Revision Date 08.01.2018

Document no. 130000000139

**16. OTHER INFORMATION****Sources of key data used to compile the Safety Data Sheet**

1. The Factories Act, 1948, The Second Schedule: Permissible levels of certain chemical substances in work environment, as amended through April, 2001
2. Manufacture, Storage and Import of Hazardous Chemical Rules 1989, as amended through January 2000

**References**

SDS Number: 130000000139

**Revision Date/Version**

Revision Date : 08.01.2018

Version : 1.0

Take notice of the directions of use on the label.

Significant change from previous version is denoted with a double bar.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.