



NOVACRID  
SAFETY DATA SHEET

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**SECTION 1- IDENTIFICATION OF THE COMPANY AND THE PRODUCT**

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**1.1 Product identifier**

-Product Name: NOVACRID

-Product Type: TC formulation (powder of dry spores)

**1.2 Uses:**

Agriculture, Plant Protection Product belonging to the insecticides

**1.3 Company Information:**

ELEPHANT VERT MOROCCO

Immeuble D, 3ème Etage, Rue Ait Malek 340, Soussi, Rabat, Maroc

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**SECTION 2- HAZARD IDENTIFICATION**

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**2.1 Substance classification**

In accordance with Regulation (EC) N°1272/2008 (CLP):

Skin sensitizer, cat 1B,

Warning H317, May cause an allergic skin reaction

Most important adverse physical, human health and environmental effects: None based on our current knowledge under the recommendations of handling, storage and uses, except possible allergies in susceptible persons.

**2.2 Label elements**

According to Regulation (EC) N° 1272/2008 (CLP):

**-Hazard pictogram:**



**-Signal word:** Warning



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### -Hazard statement:

H317- May cause an allergic skin reaction

EUH 401- To avoid risks to human health and the environment, comply with the instructions for use.

### -Precautionary statement:

#### Prevention:

P261- Avoid breathing dust/fumes/gas/mist/vapours/spray.

P272- Contaminated work clothing should not be allowed out of the workplace

P280- Wear protective gloves/protective clothing/eye protection/face protection.

P285- In case of inadequate ventilation use respiratory equipment

#### Response:

P302+352- IF ON SKIN: Wash with plenty of water and soap.

P333+313- If skin irritation or a rash occurs: Get medical advice/attention.

P321- No specific treatment, treat the symptoms.

P363- Wash contaminated clothing before reuse.

#### Disposal :

P501- Dispose of contents/containers in accordance with the local/regional/national/international regulations

-Any additional applicable elements in accordance with article 25 of CLP on 3 Supplemental information on the label »: Contains *Metarhizium acridum* EVCH 077.

### 2.3 Other hazards

Substance does not meet the PBT criteria in compliance with REACH regulation Annex XIII

Substance does not meet the vPvB criteria in compliance with REACH regulation Annex XIII

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## SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.1 Substances

NOVACRID is composed of 100% of active ingredient, the information are provided in the point 3.2 hereafter.

### 3.2 Mixtures (the product is not a mixture in its present form)

Name	Identification	%	Classification in compliance with regulation N°1272/2008 (CPL)
<i>Metarhizium acridum</i>	None	>99	Skin sensitizer cat 1B, H317



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EVCH 077 - $5 \times 10^{10}$ CFU/g			
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Full text of H-statements: see SECTION 16

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## SECTION 4- FIRST AID MEASURES

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### 4.1 Description of first aid measures

Inhalation: if person is unconscious, seek emergency medical attention; if person is conscious, remove to fresh air and call a physician.

Dermal exposure: immediately wash skin with copious amount of water followed by washing with soap and copious amount of water. Remove all contaminated clothing.

Eye exposure: Flush eyes with copious amount of water for at least 15 minutes with eyelids separated and call a physician.

Ingestion: Call a POISON CENTER or a physician if the person feels unwell.

### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

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## SECTION 5- FIREFIGHTING MEASURES

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### 5.1 Extinguish media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

### 5.2 Special hazards arising from the substance or mixture

Toxic smoke may be released from combustion.

### 5.3 Advice for firefighters

Responders should take into consideration the biohazard risk associated with responding to a fire in the area where material may be stored and handled.

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## SECTION 6- FIREFIGHTING MEASURES

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### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel



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Ventilate the area of spill.

### **6.1.2 For emergency responders**

Protective equipment: do not intervene without appropriate protective equipment. For more information, see section 8.

### **6.2 Environmental precautions**

Avoid release in the environment.

### **6.3 Methods and material for containment and cleaning up**

Soak up the spilling with absorbent. (product is a powder and can therefore not be soaked up)

Dispose of the material or the solid residues in an appropriate centre.

### **6.4 Reference to other sections**

For more information, see section 13.

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## **SECTION 7- HANDLING AND STORAGE**

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### **7.1 Precautions for safe handling**

Ensure adequate ventilation when handling.

Wear appropriate personal protection equipment.

Do not eat, drink or smoke when using the product.

Wash hands after each use.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep away from direct sunlight. Keep the container tightly closed to avoid moisture absorption and contamination.

Best not to expose to temperatures above 25°C.

### **7.3 Specific end use**

No additional information available.

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## **SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

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### **8.1 Control parameters**

None available.

### **8.2 Exposure controls**

#### **8.1.1 Appropriate engineering controls**



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Ensure adequate ventilation in the working area.

### **8.2.2 Individual protection measures, such as personal protective equipment**

Wear protective gloves and goggles. Wear suitable protective clothes.

In case of insufficient ventilation, wear an appropriate respiratory system.

Avoid release into the environment.

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

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### **9.1 Information on basic physical and chemical properties**

Physical state: Solid

Appearance: powder

Colour: light green

Odour: characteristic

Olfactive threshold: no data available

pH, 1% water solution: 6,44

Melting point/freezing point: not applicable

Initial boiling point and boiling range: not applicable

Flash point: not relevant

Evaporation rate: not applicable

Flammability: not highly flammable

Upper/lower flammability or explosive limits: data non available

Vapour pressure: not applicable

Vapour density: not applicable

Relative density: 0,4336 g/ml

Solubility: none in water, hydrophobic

Partition coefficient (n-octanol/water): 100% in n-octanol

Auto-ignition temperature: above 184°C

Decomposition temperature: no data available

Viscosity: not applicable

Explosive properties: non explosive

Oxidising properties: non oxidising

### **9.2 Other information**

None

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## **SECTION 10 - STABILITY AND REACTIVITY**

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**10.1 Reactivity:** not reactive under the recommended conditions of use, storage and transport.



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**10.2 Chemical stability:** stable under the recommended conditions of use, storage and transport.

**10.3 Possibility of hazardous reactions:** No hazardous reaction known under the recommended conditions of use.

**10.4 Conditions to avoid:** None under the recommended conditions of storage (see section 7). (MAYBE YOU SHOULD MENTION HIGH TEMPERATURES)

**10.5 Incompatibility materials:** No additional information available.

**10.6 Hazardous decomposition products:** No hazardous decomposition products should be generated under the recommended conditions of storage and use.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

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#### 11.1 Information on toxicological effects:

- Acute toxicity: not classified
- Skin corrosion/irritation: not classified
- Serious eye damage/irritation: not classified
- Respiratory or skin sensitization: Skin sensitizer Cat 1B
- Germ cell mutagenicity: not classified
- Carcinogenicity: not classified
- Reproductive toxicity: not classified
- STOT-single exposure: not classified
- STOT repeated exposure: not classified
- Aspiration hazard: not classified

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### SECTION 12 - ECOLOGICAL INFORMATION

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**12.1 Toxicity:** The product is not considered toxic for aquatic organisms and does not induce any long-term adverse effects to the environment.

**12.2 Persistence and degradability:** SOMETHING HAS TO BE PUT HERE

**12.3 Bioaccumulative potential:** No data available

**12.4 Mobility in soil:**



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Active substance information: leaching potential of the spores is considered to be low.

**12.5 Results of PBT and vPvB assessment:** does not comply with the PBT and vPvB criteria as stated in REACH annex XIII

**12.6 Other adverse effects:** No additional available information.

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### SECTION 13 - DISPOSAL CONSIDERATIONS

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#### 13.1 Waste treatment methods

Dispose of the container in compliance with the sorting instructions of the accredited collecting agency. (WHICH DOES NOT EXIST IN MOST TARGET COUNTRIES!)

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### SECTION 14 - TRANSPORT CONSIDERATIONS

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- UN Number: Not applicable
- UN proper shipping name: Not applicable
- Transport hazard class: Not applicable
- Packing group: Not applicable
- Environmental hazards: not applicable

-Special precautions for user: None apart those presented under point 8.

-Transport in bulk according to Annex II of Marpol and the IBC code: not applicable

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### SECTION 15 - REGULATORY INFORMATION

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#### 15.1 Safety, health and environmental regulations/legislation specific for the substance: `

##### 15.1.1 EU regulation:

Does not contain any substance complying with the restrictions mentioned in the annex XVII of REACH.

Does not contain any substance listed in annex XIV of REACH.

##### 15.1.2 National directives:

No additional information available.

#### 15.2: Chemical Safety Assessment:

None performed, the substance is an live microorganism.

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### SECTION 16 - OTHER INFORMATION

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### **Integral text of H and EYH:**

H317- May cause allergic skin reaction.

EUH 401- To avoid risks to human health and the environment, comply with the instructions for use.