



# SAFETY DATA SHEET

## PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DOMINATE 20 SP  
 ACTIVE: **ACETAMIPRID 200g/kg**  
 REGISTRATION HOLDER: HARVEST CROP SOLUTIONS (PTY) LTD.  
 DISTRIBUTOR: HARVEST CHEMICALS (PTY) LTD.  
 ADDRESS: 25 DAN PIENAAR ROAD  
 KLOOF, KWAZULU-NATAL  
 3610  
 REPUBLIC OF SOUTH AFRICA  
 CONTACT NUMBER: +27 (0) 31 764 6315  
 EMERGENCY NUMBER: +27 (0) 82 442 1134

### 1. CHEMICAL PRODUCT

**Product name** : NovaAcet 200 SP  
**Active ingredient** : Acetamiprid (acetamidine)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition	CAS No.	Content W/W
Acetamiprid	135410-20-7	200g/kg
Other ingredients	/	800g/kg

### 3. HAZARDS IDENTIFICATION

#### **Emergency Overview:**

Caution. Hazardous to humans and domestic animals.  
 Keep out of reach of children.

**Immediate Effects****Skin :**

Harmful if absorbed through skin. Avoid contact with skin or clothing.

**Eye :**

Avoid contact with eyes.

**Inhalation :**

Harmful if inhaled. Avoid breathing dust or spray mist.

**Ingestion :**

Not available.

**Aggravated by Exposure :**

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

**Signs and Symptoms :**

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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**4. FIRST AID MEASURES**

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**Symptoms of human poisoning:****Eye**

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 center or doctor for treatment advice.

**Skin**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion**

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

**Inhalation**

Move the person to fresh air. If person is not breathing, call local emergency paramedics or ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician**

There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

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**5. FIRE FIGHTING MEASURES**

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**Fire and Explosion Hazard:**

Non-flammable, non-combustible and non-explosive. Minimise the use of water to prevent environmental contamination.

**Hazardous Products of Combustion:**

During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

**Suitable Extinguishing Media:**

Water spray, alcohol foam, dry chemical and carbon dioxide (CO<sub>2</sub>).

**In Case of Fire: Fire Fighting Instructions:**

Use appropriate extinguishing media for combustibles in the area. Wear full protective clothing and approved NIOSH/MSHA self-contained breathing apparatus. Evacuate non-essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Isolate hazardous area and deny entry. Stay upwind if possible. Keep out of low areas. Persons who have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

Decontaminate equipment after use. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff. Prevent runoff to enter sewers, waterways, rivers or dams.

**Flammability:** This product is non-flammable, non-explosive and non-combustible

**Flash Point (Test Method):** Non-flammable.

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## 6. ACCIDENTAL RELEASE MEASURES

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**General and Disposal**

Evacuation Procedures and Safety: Personnel handling this material should be thoroughly trained to handle spills and releases.

**Personal Precautions:**

Wear appropriate personal protective equipment as specified in Section 8.

**Environmental Precautions:****Small Spill:**

Absorb with sand, soil or other absorbent material. Scrub the spill area with detergent and water. Minimise the use of water to prevent environmental contamination.

**Large Spill:**

Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8.

Cover entire spill with absorbing material and place into compatible disposal container. Scrub the spill area with detergent and water. Collect wash water with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

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## 7. HANDLING AND STORAGE

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### Handling Procedures:

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Personnel handling this product should be thoroughly trained as to its hazards. Use non sparking tools and grounded/bonded equipment and containers when transferring. Do not ingest. Do not breathe dust or mists. Avoid getting material on clothing.

Do not eat, drink or smoke while handling this product.

Wash thoroughly with soap and water after handling.

Dispose of wash water where it will not contaminate crops, grazing, dams or rivers.

### Storage:

Do not store in or around the home.

Store in a cool, well-ventilated, secure area out of reach of children, uninformed persons and animals.

Do not store food, beverages or tobacco products in the storage area.

Do not allow prolonged storage in areas where temperatures frequently exceed 46°C.

### Work/Hygienic Procedures:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning /maintaining Personnel Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 12 hours.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Eye Protection:** Where eye contact is likely, use chemical splash goggles.

**Emergency Eye Wash:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower for emergency use.

**Skin Contact:** Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear.

**Inhalation:** A combination particulate/organic vapor respirator may be necessary until effective engineering controls are installed to comply with occupational exposure limits. Use a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an HE prefilter.

Use a self-contained breathing apparatus in cases of emergency spills, when exposure levels are unknown, or under any circumstances where air-purifying respirators may not provide adequate protection.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical state:</b>	Powder
<b>Color:</b>	Off White / light blue
<b>Odor:</b>	No Odor determined
<b>Specific Gravity/Density:</b>	Not available
<b>pH:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Solubility (in water):</b>	Soluble easily
<b>Melting/Freezing Point:</b>	Not available
<b>Explosivity:</b>	Non-explosive
<b>Stability:</b>	Stable under normal conditions

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability:</b>	This material is stable under normal handling and storage conditions described in Section 7.
<b>Hazardous Polymerization:</b>	Will not polymerize.
<b>Conditions to Avoid:</b>	None known.
<b>Incompatibility:</b>	Strong bases, Strong acids, Strong oxidizing agents

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## 11. TOXICOLOGICAL INFORMATION

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<b>Acute Oral Toxicity :</b>	Rat: LD50: 2301 mg/kg
<b>Acute Dermal Toxicity :</b>	Rabbit: LD50: > 2000 mg/kg
<b>Acute Inhalation Toxicity :</b>	Rat: LC50 (4h): > 2.9 mg/L
<b>Skin Irritation:</b>	Rabbit: Slightly irritating
<b>Eye Irritation:</b>	Rabbit: Mildly irritating
<b>Sensitization:</b>	Guinea Pig: Not a sensitizer

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## 12. ECOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

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### Environmental Precautions:

This product is toxic to wildlife. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not contaminate water used for irrigation or domestic purposes.

### Ecological Information:

Bobwhite quail: LD50, 180 mg/kg

Carp: LC50, >100 mg/l

Daphnia: LC50, > 100 mg/l

Soil micro-organisms: Acetamiprid use would pose minimal risk to soil micro-organism.

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### 13. DISPOSAL CONSIDERATIONS

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#### General Disposal Guidance

Do not contaminate water, food, or feed by disposal. Contamination with this product will render water, food, or feed unfit for human or animal consumption. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

#### Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If burned, stay out of smoke.

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### 14. TRANSPORT INFORMATION

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**This product is not regulated for transportation as per DOT regulations.**

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### 15. REGULATORY INFORMATION

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#### US Federal

##### TSCA 12b export notification

None

##### SARA Title III – section 302 – notification and information

None

##### SARA Title III – section 313 – toxic chemical release reporting

None

#### US States Regulatory

##### CA Prop65

This product does not contain any substances known to cause cancer.

This product does not contain any substances known to cause reproductive problems.

#### Environmental

##### CERCLA

None

##### Clean Water Section 307 Priority Pollutants

None

##### Safe Drinking Water Act Maximum Contaminants Levels

None

**International Regulations**

**EU Classification**

None

**European Inventory of Existing Commercial Substances (EINECS)**

None

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**16. OTHER INFORMATION**

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**Revision Summary:**

To reflect database modification (no substantive changes – only related to system).

This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.