

# SAFETY DATA SHEET



## XTENDIMAX® WITH VAPORGRIP® TECHNOLOGY

Version 3.0 / USA  
102000037846

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Revision Date: 12/09/2022  
Print Date: 12/13/2022

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifier

|                      |                                       |
|----------------------|---------------------------------------|
| Trade name           | XTENDIMAX® WITH VAPORGRIP® TECHNOLOGY |
| Product code (UVP)   | 86771470                              |
| SDS Number           | 102000037846                          |
| EPA Registration No. | 264-1210                              |

#### Relevant identified uses of the substance or mixture and uses advised against

|                     |                                     |
|---------------------|-------------------------------------|
| Use                 | Herbicide                           |
| Restrictions on use | See product label for restrictions. |

#### Information on supplier

|                        |   |
|------------------------|---|
| Supplier               | Bayer CropScience LP<br>800 North Lindbergh Blvd.<br>St. Louis, MO 63167<br>USA |
| Responsible Department | Email: SDSINFO.BCS-NA@bayer.com   |

#### Emergency telephone no.

|   |                                |
|---|--------------------------------|
| Emergency Telephone Number (24hr/ 7 days) | 1-800-334-7577                 |
| Product Information Telephone Number      | 1-866-99BAYER (1-866-992-2937) |

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification in accordance with regulation HCS 29CFR §1910.1200

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

#### Hazards Not Otherwise Classified (HNOC)

No physical hazards not otherwise classified.  
No health hazards not otherwise classified.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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| Hazardous Component Name    | CAS-No.     | Concentration % by weight |
|-----------------------------|-------------|---------------------------|
| Dicamba diglycolamine salt  | 104040-79-1 | 42.8                      |
| Acetic acid, potassium salt | 127-08-2    | >=5 – <=10                |

The specific chemical identity and/or concentration range is being withheld because it is trade secret information.

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

|                       |   |
|-----------------------|---|
| <b>General advice</b> | When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.  |
| <b>Inhalation</b>     | Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.  |
| <b>Skin contact</b>   | Immediately wash with plenty of soap and water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Call a physician or poison control center immediately.  |
| <b>Eye contact</b>    | 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 physician or poison control center immediately.   |
| <b>Ingestion</b>      | Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended. |

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

|   |                                |
|---|--------------------------------|
| <b>Symptoms</b>   | To date no symptoms are known. |
| <b>Indication of any immediate medical attention and special treatment needed</b> |                                |

|                  |  |
|------------------|--|
| <b>Treatment</b> | Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. |
|------------------|--|

### SECTION 5: FIREFIGHTING MEASURES

#### Extinguishing media

|                   |  |
|-------------------|--|
| <b>Suitable</b>   | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| <b>Unsuitable</b> | High volume water jet  |

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|  |   |
|--|---|
| <b>Special hazards arising from the substance or mixture</b> | In the event of fire the following may be released: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Nitrogen oxides (NO <sub>x</sub> ), Hydrogen chloride (HCl)  |
| <b>Advice for firefighters</b>                               |   |
| <b>Special protective equipment for firefighters</b>         | In the event of fire and/or explosion do not breathe fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing. Equipment should be thoroughly decontaminated after use. |
| <b>Further information</b>                                   | Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.  |

### Specific hazards from the substance or mixture which can increase the fire

|                                  |                   |
|----------------------------------|-------------------|
| <b>Flash point</b>               | does not flash    |
| <b>Auto-ignition temperature</b> | No data available |
| <b>Lower explosion limit</b>     | Not applicable    |
| <b>Upper explosion limit</b>     | Not applicable    |
| <b>Explosivity</b>               | Not explosive     |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Precautions** Use personal protective equipment. Keep unauthorized people away. Avoid contact with spilled product or contaminated surfaces.

### Methods and materials for containment and cleaning up

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**Additional advice** Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal. Do not allow product to contact non-target plants.

**Reference to other sections** Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**Hygiene measures** Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics. Remove Personal Protective Equipment (PPE) immediately after handling this product. Remove soiled clothing immediately and clean thoroughly before using again. Wash thoroughly and put on clean clothing. Keep working clothes separately. Garments that cannot be cleaned must be destroyed (burnt).

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

**Requirements for storage areas and containers** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Keep away from direct sunlight. Protect from freezing.

**Advice on common storage** Keep away from food, drink and animal feedingstuffs.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

No known occupational limit values.

#### Exposure controls

##### Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection** When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

**Hand protection** Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber or Viton)  
Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.

**Eye protection** Tightly fitting safety goggles

**Skin and body protection** Wear long-sleeved shirt and long pants and shoes plus socks.

**General protective measures** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.  
Keep and wash PPE separately from other laundry.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

|   |  |
|---|--|
| <b>Form</b>   | Liquid, clear  |
| <b>Colour</b>   | green to blue-green  |
| <b>Odour</b>  | No data available  |
| <b>Odour Threshold</b>                                    | No data available  |
| <b>pH</b>   | 5.1 - 5.6 (8.6 %) (23 °C)  |
| <b>Melting point/range</b>                                | No data available  |
| <b>Boiling Point</b>                                      | No data available  |
| <b>Flash point</b>  | does not flash   |
| <b>Flammability</b>                                       | Not applicable   |
| <b>Auto-ignition temperature</b>                          | No data available  |
| <b>Thermal decomposition</b>                              | No data available  |
| <b>Minimum ignition energy</b>                            | Not applicable   |
| <b>Self-accelerating decomposition temperature (SADT)</b> | No data available  |
| <b>Upper explosion limit</b>                              | Not applicable   |
| <b>Lower explosion limit</b>                              | Not applicable   |
| <b>Vapour pressure</b>                                    | No data available  |
| <b>Evaporation rate</b>                                   | No data available  |
| <b>Relative vapour density</b>                            | No data available  |
| <b>Relative density</b>                                   | 1.204  |
| <b>Density</b>  | ca. 1.20 g/cm <sup>3</sup> (20 °C)                                   |
| <b>Water solubility</b>                                   | soluble  |
| <b>Partition coefficient: n-octanol/water</b>             | Dicamba, diglycolamine salt: log Pow: 2.21<br>Dicamba: log Pow: 0.54 |
| <b>Viscosity, dynamic</b>                                 | No data available  |
| <b>Viscosity, kinematic</b>                               | No data available  |
| <b>Oxidizing properties</b>                               | No oxidizing properties  |
| <b>Explosivity</b>  | Not explosive  |

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**Other information** Further safety related physical-chemical data are not known.

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### SECTION 10: STABILITY AND REACTIVITY

|   |  |
|---|--|
| <b>Reactivity</b>                         | Stable under normal conditions.  |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.   |
| <b>Possibility of hazardous reactions</b> | No hazardous reactions when stored and handled according to prescribed instructions. |
| <b>Conditions to avoid</b>                | Extremes of temperature and direct sunlight.   |
| <b>Incompatible materials</b>             | No incompatible materials known.   |
| <b>Hazardous decomposition products</b>   | No decomposition products expected under normal conditions of use.                   |

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### SECTION 11: TOXICOLOGICAL INFORMATION

|   |   |
|---|---|
| <b>Exposure routes</b>                      | Skin contact, Eye contact, Inhalation, Ingestion  |
| <b>Immediate Effects</b>                    |   |
| <b>Eye</b>                                  | May cause temporary eye irritation.   |
| <b>Skin</b>                                 | Not expected to produce significant adverse effects when recommended use instructions are followed.                                     |
| <b>Ingestion</b>                            | Not expected to produce significant adverse effects when recommended use instructions are followed.                                     |
| <b>Inhalation</b>                           | Not expected to produce significant adverse effects when recommended use instructions are followed.                                     |
| <b>Information on toxicological effects</b> |   |
| <b>Acute oral toxicity</b>                  | LD50 (Rat) > 5,000 mg/kg<br>Test conducted with a similar formulation.  |
| <b>Acute inhalation toxicity</b>            | LC50 (Rat) > 5.11 mg/l<br>Exposure time: 4 h<br>Determined in the form of liquid aerosol.<br>Test conducted with a similar formulation. |
| <b>Acute dermal toxicity</b>                | LD50 (Rat) > 5,000 mg/kg<br>Test conducted with a similar formulation.  |
| <b>Skin corrosion/irritation</b>            | No skin irritation (Rabbit)<br>Test conducted with a similar formulation.   |

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**Serious eye damage/eye irritation** Slight irritant effect - does not require labelling. (Rabbit)  
Test conducted with a similar formulation.

**Respiratory or skin sensitisation** Skin: Non-sensitizing. (Guinea pig)  
OECD Test Guideline 406, Buehler test  
Test conducted with a similar formulation.

### Assessment STOT Specific target organ toxicity – single exposure

Dicamba, diglycolamine salt: Based on available data, the classification criteria are not met.

### Assessment STOT Specific target organ toxicity – repeated exposure

Dicamba, diglycolamine salt: Based on available data, the classification criteria are not met.

### Assessment mutagenicity

Dicamba, diglycolamine salt: Based on available data, the classification criteria are not met.

### Assessment carcinogenicity

Dicamba, diglycolamine salt: Based on available data, the classification criteria are not met.

### ACGIH

None.

### NTP

None.

### IARC

None.

### Assessment toxicity to reproduction

Dicamba, diglycolamine salt: Based on available data, the classification criteria are not met.

### Assessment developmental toxicity

Dicamba, diglycolamine salt: Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity to fish** LC50 (*Lepomis macrochirus* (Bluegill sunfish)) > 314 mg/l  
static test; Exposure time: 96 h  
Test conducted with a similar formulation.

**Toxicity to aquatic invertebrates** EC50 (*Daphnia magna* (Water flea)) > 1,000 mg/l static test; Exposure  
time: 48 h  
Test conducted with a similar formulation.

**Toxicity to aquatic plants** ErC50 (*Raphidocelis subcapitata* (freshwater green alga)) > 1,000 mg/l  
static test; Exposure time: 72 h

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|   |  |
|---|--|
| <b>II</b>                                 | Test conducted with a similar formulation.   |
| <b>Biodegradability</b>                   | Dicamba, diglycolamine salt:<br>Not readily biodegradable.   |
| <b>Bioaccumulation</b>                    | Dicamba, diglycolamine salt:<br>No significant accumulation in organisms.  |
| <b>Mobility in soil</b>                   | Dicamba, diglycolamine salt: Highly mobile in soils  |
| <b>Results of PBT and vPvB assessment</b> |  |
| <b>PBT and vPvB assessment</b>            | Dicamba, diglycolamine salt: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).   |
| <b>Additional ecological information</b>  | No further ecological information is available.  |
| <b>Environmental precautions</b>          | Apply this product as specified on the label.<br>Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.<br>Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.<br>Do not allow to get into surface water, drains and ground water.<br>Drift or runoff from treated areas may adversely affect non-target plants. |

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## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                               |  |
|-------------------------------|--|
| <b>Product</b>                | It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines.<br>Do not contaminate water, food, or feed by disposal.<br>Follow all local/regional/national/international regulations.  |
| <b>Contaminated packaging</b> | Follow advice on product label and/or leaflet.<br>Do not re-use empty containers.<br>Triple rinse containers.<br>Puncture container to avoid re-use.<br>Completely empty container into application equipment, then dispose of empty container in a sanitary landfill, by incineration or by other procedures approved by state/provincial and local authorities.<br>If burned, stay out of smoke. |
| <b>RCRA Information</b>       | Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.  |

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## SECTION 14: TRANSPORT INFORMATION



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According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

### SECTION 15: REGULATORY INFORMATION

**EPA Registration No.** 264-1210

#### US Federal Regulations

##### TSCA list

Water 7732-18-5

Acetic acid, potassium salt 127-08-2

#### US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No export notification needs to be made.

#### SARA Title III - Section 302 - Notification and Information

Not applicable.

#### SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

#### US States Regulatory Reporting

##### CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

#### US State Right-To-Know Ingredients

None.

#### Environmental

##### CERCLA

None.

##### Clean Water Section 307(a)(1)

None.

##### Safe Drinking Water Act Maximum Contaminant Levels

None.

#### EPA/FIFRA Information:

This chemical is a pesticide product regulated by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

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**Signal word:** Caution!

**Hazard statements:** RESTRICTED USE PESTICIDE  
Causes moderate eye irritation.

### SECTION 16: OTHER INFORMATION

#### Abbreviations and acronyms

|         |   |
|---------|---|
| 49CFR   | Code of Federal Regulations, Title 49                                 |
| ACGIH   | US. ACGIH Threshold Limit Values                                      |
| ATE     | Acute toxicity estimate   |
| CAS-Nr. | Chemical Abstracts Service number                                     |
| CERCLA  | Comprehensive Environmental Response, Compensation, and Liability Act |
| EINECS  | European inventory of existing commercial substances                  |
| ELINCS  | European list of notified chemical substances                         |
| IARC    | International Agency for Research on Cancer                           |
| IATA    | International Air Transport Association                               |
| IMDG    | International Maritime Dangerous Goods                                |
| N.O.S.  | Not otherwise specified   |
| NTP     | US. National Toxicology Program (NTP) Report on Carcinogens           |
| OECD    | Organization for Economic Co-operation and Development                |
| TDG     | Transportation of Dangerous Goods                                     |
| TWA     | Time weighted average   |
| UN      | United Nations  |
| WHO     | World health organisation   |

#### NFPA 704 (National Fire Protection Association):

Health - 1      Flammability - 1      Instability - 1      Others - none

#### HMIS (Hazardous Materials Identification System, based on the Fourth Edition Ratings Guide)

Health - 1      Flammability - 1      Physical Hazard - 1      PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard,  
\* = chronic health hazard

**Reason for Revision:** The following sections have been revised: Section 12. Ecological information.  
Section 14: Transport Information. Reviewed and updated for general editorial purposes.

**Revision Date:** 12/09/2022

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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