XtendiMax® 2 Herbicide with VapourGrip® Technology

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Version 1 / AUS
102000056676

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Print Date: 27.06.2024

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Trade name XtendiMax® 2 Herbicide with VapourGrip® Technology

Product code (UVP) 87262391

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

Use Herbicide

Restrictions on useSee product label for restrictions.

1.3 Details of the supplier of the safety data sheet

Supplier Bayer Cropscience Pty Ltd

ABN 87 000 226 022 Level 4, 109 Burwood Rd

Hawthorn 3122 Victoria

Australia

Telephone (03) 9248 6888 **Telefax** (03) 9248 6800

Responsible Department 1800 804 479 Technical Information Service

Website www.crop.bayer.com.au

1.4 Emergency telephone no.

Emergency telephone no. 1800 033 111 IXOM Operations Pty Ltd

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Australian GHS Regulation

Eye irritation: Category 2B

H320 Causes eye irritation.

2.2 Label elements

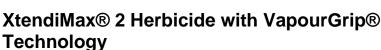
Labelling according to specific Australian legislation

Hazard label for supply/use required.

Hazardous components which must be listed on the label:

Dicamba, monoethanolamine salt

Signal word: Warning





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Hazard statements

H320 Causes eye irritation.

Precautionary statements

P264 Wash hands thoroughly after handling.

P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

+ P338 present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

2.3 Other hazards

No additional hazards known beside those mentioned.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Dicamba monoethanolamine 613 g/l Soluble concentrate (SL)

Chemical name	CAS-No.	Concentration [%]
Dicamba, monoethanolamine salt	53404-28-7	47.89
Acetic acid, potassium salt	127-08-2	>= 10.00 - <= 30.00
Other ingredients (non-hazardous) to 100%		

SECTION 4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Safety Data Sheet to the doctor.

4.1 Description of first aid measures

General advice Move out of dangerous area. Place and transport victim in stable

position (lying sideways). Remove contaminated clothing immediately

and dispose of safely.

Inhalation Move to fresh air. Keep patient warm and at rest. Call a physician or

poison control center immediately.

Skin contact Wash off thoroughly with plenty of soap and water, if available with

polyethyleneglycol 400, subsequently rinse with water. If symptoms

persist, call a physician.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at

least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation

develops and persists.



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Ingestion Do not induce vomiting: contains petroleum distillates and/or aromatic

solvents. Call a physician or poison control center immediately. To prevent aspiration of swallowed product, lay in stable position on one side. Risk of product entering the lungs on vomiting after ingestion.

Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms To date no symptoms are known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically. There is no specific antidote.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Water, Foam, Dry chemical, Carbon dioxide (CO2)

Unsuitable High volume water jet

5.2 Special hazards arising from the substance or

from the substance or

mixture

In the event of fire the following may be released: Carbon monoxide

(CO), Carbon dioxide (CO2), Hydrogen chloride (HCl)

5.3 Advice for firefighters

Further information Contain the spread of the fire-fighting media. Do not allow run-off from

fire fighting to enter drains or water courses.

Hazchem CodeNot applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions Avoid contact with spilled product or contaminated surfaces. Use

personal protective equipment.

6.2 Environmental

precautions

Do not allow to get into surface water, drains and ground water.

6.3 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). Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in

suitable, closed containers for disposal.

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.

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6.4 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.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handlingUse only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Hygiene measures Avoid contact with skin, eyes and clothing. Keep working clothes

separately. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly

before using again. Garments that cannot be cleaned must be

destroyed (burnt).

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Store in a place accessible by authorized persons only. Store bulk material and packed materials in a closed warehouse or under cover protected against direct sunlight and frost.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Storage stability

Other data

Keep out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

Keep only in the original container.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No known occupational limit values.

8.2 Exposure controls

Respiratory protection Respiratory protection is not required under anticipated

circumstances of exposure.

Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's

instructions regarding wearing and maintenance.

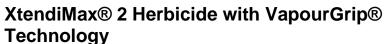
Hand protection Please observe the instructions regarding permeability and

breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the

contact time.

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Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be

removed.

Material Nitrile rubber
Rate of permeability > 480 min
Glove thickness > 0.4 mm
Protective index Class 6

Directive Protective gloves complying with EN

374.

Eye protection Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).

Skin and body protection Wear standard coveralls and Category 3 Type 6 suit.

If there is a risk of significant exposure, consider a higher protective

type suit.

Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and

should be professionally laundered frequently.

If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully

remove and dispose of as advised by manufacturer.

General protective measures In normal use and handling conditions please refer to the label

and/or leaflet. In all other cases the above mentioned

recommendations would apply.

Engineering Controls

Advice on safe handling Use only in area provided with appropriate exhaust ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form Liquid, clear

Colour blue

Odour No data available
Odour Threshold No data available

pH 5.1 - 5.6 (6.67 %) (23 °C) (deionized water)

Melting point/rangeNo data availableBoiling PointNo data availableFlash pointdoes not flashFlammabilityNo data availableAuto-ignition temperatureNo data available

Thermal decomposition Hazardous products of combustion: see section 5.

Minimum ignition energyNo data availableSelf-accelaratingNo data available

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decomposition temperature

(SADT)

Upper explosion limitNo data availableLower explosion limitNo data availableVapour pressureNo data availableEvaporation rateNo data availableRelative vapour densityNo data availableRelative densityNo data availableDensity1.28 g/cm³ (20 °C)

Water solubility soluble

Partition coefficient: n-

octanol/water

Dicamba, monoethanolamine salt: log Pow: -0.15(pH 7)

Dicamba: log Pow: -1.8

Viscosity, dynamic

Viscosity, kinematic

Oxidizing properties

Explosivity

No data available

No data available

No data available

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

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under normal conditions.10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to

prescribed instructions.

10.4 Conditions to avoid Extremes of temperature and direct sunlight.

10.5 Incompatible materials Store only in the original container.

10.6 Hazardous

decomposition products

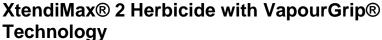
No decomposition products expected under normal conditions of use.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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Acute oral toxicity LD50 (Rat) > 5,000 mg/kg

No mortality.

Acute inhalation toxicity LC50 (Rat) > 5.16 mg/l

Exposure time: 4 h

Determined in the form of a respirable aerosol.

No mortality.

Acute dermal toxicity LD50 (Rat) > 5,000 mg/kg

No mortality.

Skin corrosion/irritation Slight irritant effect - does not require labelling. (Rabbit)

Serious eye damage/eye

irritation

Slight irritant effect - does not require labelling. (Rabbit)

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

Assessment mutagenicity

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

Assessment carcinogenicity

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

Assessment toxicity to reproduction

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

Assessment developmental toxicity

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

Assessment STOT Specific target organ toxicity - single exposure

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

Assessment STOT Specific target organ toxicity - repeated exposure

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

Aspiration hazard

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

Information on likely routes of exposure

May be harmful if inhaled.

Mild skin irritation.

Causes eye irritation.

Harmful if swallowed.

Early onset symptoms related to exposure

Refer to Section 4

Delayed health effects from exposure

Refer to Section 11

Exposure levels and health effects

Refer to Section 4

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Interactive effects

Not known

When specific chemical data is not available

Not applicable

Mixture of chemicals

Refer to Section 2.1

Further information

No further toxicological information is available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish LC50 (Lepomis macrochirus (Bluegill sunfish)) > 1,000 mg/l

static test; Exposure time: 96 h

Toxicity to aquatic LC50 (Daphnia magna (Water flea)) > 1,000 mg/l

invertebrates static test; Exposure time: 48 h

Toxicity to aquatic plants ErC50 (Raphidocelis subcapitata (freshwater green alga)) > 105 mg/l

static test; Exposure time: 72 h

12.2 Persistence and degradability

Biodegradability Dicamba, monoethanolamine salt:

Not readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation Dicamba, monoethanolamine salt:

No significant accumulation in organisms.

12.4 Mobility in soil

Mobility in soil Dicamba, monoethanolamine salt: Highly mobile in soils

12.5 Other adverse effects

Additional ecological

information

No further ecological information is available.

SECTION 13. DISPOSAL CONSIDERATIONS

Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Do not burn empty containers or product.

Do not reuse container for any other purpose.

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SECTION 14. TRANSPORT INFORMATION

According to national and international transport regulations not classified as dangerous goods.

SECTION 15. REGULATORY INFORMATION

Registered according to the Agricultural and Veterinary Chemicals Code Act 1994 Australian Pesticides and Veterinary Medicines Authority approval number: 88630

SUSMP classification (Poison Schedule)

Schedule 6 (Standard for the Uniform Scheduling of Medicines and Poisons)

SECTION 16. OTHER INFORMATION

Trademark information XtendiMax® and VapourGrip® are Registered Trademarks of the

Bayer Group.

Abbreviations and acronyms

ADN European Agreement concerning the International Carriage of Dangerous Goods by

Inland Waterways

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

ATE Acute toxicity estimate

AU OEL Australia. OELs. (Adopted National Exposure Standards for Atmospheric

Contaminants in the Occupational Environment)

CAS-Nr. Chemical Abstracts Service number

CEILING Ceiling Limit Value Conc. Concentration

EC-No. European community number ECx Effective concentration to x %

EINECS European inventory of existing commercial substances

ELINCS European list of notified chemical substances

EN European Standard EU European Union

IATA International Air Transport Association

IBC International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk (IBC Code) Inhibition concentration to x %

IMDG International Maritime Dangerous Goods

LCx Lethal concentration to x %

LDx Lethal dose to x %

ICx

LOEC/LOEL Lowest observed effect concentration/level

MARPOL: International Convention for the prevention of marine pollution from ships

N.O.S. Not otherwise specified

NOEC/NOEL No observed effect concentration/level



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OECD Organization for Economic Co-operation and Development

OES BCS OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure

Standard"

PEAK: Exposure Standard - Peak means a maximum or peak airborne concentration

of a particular substance determined over the shortest analytically practicable period of

time which does not exceed 15 minutes.

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

SK-SEN Skin sensitiser

SKIN_DES SKIN_DES: Skin notation: Absorption through the skin may be a significant source of

exposure.

STEL: Exposure standard - short term exposure limit (STEL): A 15 minute TWA

exposure which should not be exceeded at any time during a working day even if the eight-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the

STEL.

TWA: Exposure standard - time-weighted average (TWA): The average airborne

concentration of a particular substance when calculated over a normal eight-hour

working day, for a five-day working week.

TWA Time weighted average

UN United Nations

WHO World health organisation

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

Reason for Revision: The following sections have been revised: Section 11: Toxicological

Information.

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