

SAFETY DATA SHEET



LA TIJERETA BOX W

Version 1 / RA
102000039929

1/10
Revision Date: 10.03.2023
Print Date: 10.03.2023

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

1.1 Product identifier

Trade name LA TIJERETA BOX W
Product code (UVP) 62289463

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

Use Herbicide

1.3 Details of the supplier of the safety data sheet

Supplier Monsanto Argentina S.R.L.
Juana Manso 205, Piso 7
Capital Federal - Buenos Aires
Argentina
Telephone 0810-MONSANTO (6667268)
Email callcenter@la2.monsanto.com

1.4 Emergency telephone no.

In case of poisoning Centro Nacional de Intoxicaciones. Policlínico Prof. A. Posadas
Tel. (011) 4654-6648 / 4658-7777 Tel. 0-800-333-0160
Unidad Toxicológica del Hospital Gral. de Niños Dr. R. Gutiérrez
Tel. (011) 4962-6666
In case of chemical emergencies (005411) 4762-7200 (24h)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to national, international laws and multilateral agreements for classification, packaging and labeling of substances and mixtures in force at the time of issue of this document.

Not classified, the classification criteria are not met.

2.2 Label elements

2.3 Other hazards

No additional hazards known beside those mentioned.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature

Water soluble granules (SG)
Ammonium salt of glyphosate 79,2% (w/w)

Hazardous components

Chemical name	CAS-No.	Conc. [%]
Ammonium salt of glyphosate	114370-14-8	79,2
Ethoxylated fatty amidoamine	1189172-06-2	> 5,00 – < 10,00
Alcohols, C16-18, ethoxylated	68439-49-6	> 5,00 – < 10,00

For the full text of the H-Statements mentioned in this Section, see Section 16.

For the full text of the R-phrases/ Hazard statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

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 immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Call a physician or poison control center immediately.

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. Call a physician or poison control center immediately.

Ingestion

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.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Product dust may be irritating to eyes, skin and respiratory system.

4.3 Indication of any immediate medical attention and special treatment needed

Risks

This product is not a cholinesterase inhibitor.

Treatment

Treatment with atropine and oximes is not indicated. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable High volume water jet

5.2 Special hazards arising from the substance or mixture Accumulation of fine dust may entail the risk of a dust explosion in the presence of air. In the event of fire the following may be released; Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Oxides of phosphorus

5.3 Advice for firefighters

Special protective equipment for firefighters In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.

Further information 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions Do not breathe dust. Use personal protective equipment. Keep unauthorized people away.

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 Use mechanical handling equipment. 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.

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 handling Avoid dust formation. Avoid contact with skin, eyes and clothing. Use only in area provided with appropriate exhaust ventilation.

Hygiene measures Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands immediately after work, if necessary take a

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shower. 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 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.

7.3 Specific end use(s) Refer to the label and/or leaflet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No known occupational limit values.

8.2 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

Personal protective equipment is not normally required. However, if there is a risk of uncontrolled exposure to the contents, the following should be considered.
Wear respirator with a particle filter mask (protection factor 20) conforming to European Norm EN149FFP3 or EN140P3 or equivalent.

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.

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 5 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.

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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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	granules, Free-flowing, free from foreign matter
Colour	white to tan
Odour	No data available
Odour Threshold	No data available
pH	3,4 - 4,2 (1,5 %) (23 °C) (deionized water)
Melting point/range	No data available
Boiling Point	No data available
Flash point	Not applicable
Flammability	Not readily flammable.
Auto-ignition temperature	No data available
Thermal decomposition	No data available
Minimum ignition energy	No data available
Self-accelerating decomposition temperature (SADT)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapour pressure	No data available
Evaporation rate	No data available
Relative vapour density	No data available
Relative density	No data available
Density	0,606 g/ml (24°C)
Water solubility	No data available
Partition coefficient: n-octanol/water	Glyphosate: log Pow: -2,9
Viscosity, dynamic	No data available
Viscosity, kinematic	No data available
Oxidizing properties	No data available
Explosivity	No data available

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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 recommended storage conditions.
10.3 Possibility of hazardous reactions	Reacts with galvanised steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode.
10.4 Conditions to avoid	Extremes of temperature and direct sunlight.
10.5 Incompatible materials	Galvanised steel, Unlined mild steel
10.6 Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity	LD50 (Rat) > 5.000 mg/kg Test conducted with a similar formulation.
Acute inhalation toxicity	LC50 (Rat) > 2,10 mg/l Exposure time: 4 h No mortality. Test conducted with a similar formulation.
Acute dermal toxicity	LD50 (Rat) > 5.000 mg/kg Test conducted with a similar formulation.
Skin corrosion/irritation	Slight dermal irritant. (Rabbit) Test conducted with a similar formulation.
Serious eye damage/eye irritation	Slight eye irritant. (Rabbit) Test conducted with a similar formulation.
Respiratory or skin sensitisation	Skin: Non-sensitizing. (Guinea pig) Test conducted with a similar formulation.

Assessment STOT Specific target organ toxicity – single exposure

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

Assessment STOT Specific target organ toxicity – repeated exposure

Glyphosate did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

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Glyphosate was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

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

Assessment toxicity to reproduction

Glyphosate did not cause reproductive toxicity in a two-generation study in rats.

Assessment developmental toxicity

Glyphosate did not cause developmental toxicity in rats and rabbits.

Aspiration hazard

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

11.2 Information on other hazards**Endocrine disrupting properties****Assessment**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Toxicity to fish**

LC50 (Danio rerio (zebra fish)) 102 mg/l
Test conducted with a similar formulation.

Toxicity to aquatic invertebrates

EC50 (Daphnia (water flea)) > 93 mg/l Test conducted with a similar formulation.

Toxicity to aquatic plants

ErC50 (green algae) 51 mg/l
Test conducted with a similar formulation.

ErC50 (Lemna sp.) 50 mg/l
Test conducted with a similar formulation.

NOEC (green algae) 8,8 mg/l
Test conducted with a similar formulation.

12.2 Persistence and degradability**Biodegradability**

Glyphosate:
Not rapidly biodegradable

12.3 Bioaccumulative potential**Bioaccumulation**

Glyphosate: Bioconcentration factor (BCF) < 1
Does not bioaccumulate.

12.4 Mobility in soil**Mobility in soil**

Glyphosate: Slightly mobile in soils

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12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment Glyphosate: 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).

12.6 Endocrine disrupting properties

Assessment The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Additional ecological information No further ecological information is available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Contaminated packaging Not completely emptied packagings should be disposed of as hazardous waste.

SECTION 14: TRANSPORT INFORMATION

According to ADN/ADR/RID/IMDG/IATA not classified as dangerous goods.

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

14.1 – 14.5 Not applicable.

14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7 Transport in bulk according to IMO instruments

No transport in bulk according to the IBC Code.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Further information

WHO-classification: U (Unlikely to present acute hazard in normal use)

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SECTION 16: OTHER INFORMATION

EMERGENCY TELEPHONE NUMBERS IN CASE OF POISONING:

Ciudad de Buenos Aires: Div. Toxicología del Hospital de Clínicas. Tel.: 011 5950-8804/06. Hospital Italiano de Bs. As. Tel.: (011) 4959-0311/0313 / 0800-444-4400. Hospital de Niños "Dr. Ricardo Gutiérrez". Tel.: (011) 4962-6666. Hospital de Niños "Dr. Pedro de Elizalde". Tel.: (011) 4300-2115 / 4307-5842. Hospital Escuela "José de San Martín". (011) 4508-3931 / 5950-8000. Prov. Buenos Aires: Hospital Nac. "Prof. A. Posadas" (Haedo). Tel.: (011) 4658-7777 / 4654-6648 / 4469-9300 int. 1102 / 0-800-333-0160. La Plata: Hospital Interzonal de Agudos Esp. En Pediatría "Sor María Ludovica". Tel.: (0221) 451-5555 / 453-5901 (int. 1312) / 0800-222-9911. Pergamino: Hospital Interzonal de Agudos San José. Tel.: (02477) 42-9792/99 int. 259. Rosario: Hospital "J. M. Cullen". Tel.: (0342) 457-3357 int. 267/8. Centro de Toxicología TAS. Tel.: (0341) 424-2727. Córdoba: Hospital de Urgencias. Tel.: (0351) 427-6200. Hospital de Niños. Tel.: (0351) 458-6400. Mendoza: Hospital Central. Tel.: (0261) 420-0600. Chaco: Hospital "J.C. Perrando". Tel.: (03722) 42-5050/7233 / 44-2399. Neuquén: Hospital Regional. Tel.: (0299) 44-90800/44-90890.

Text of the hazard statements mentioned in Section 3**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
CAS-Nr	Chemical Abstracts Service number
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)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
N.O.S.	Not otherwise specified
NOEC/NOEL	No observed effect concentration/level
OECD	Organization for Economic Co-operation and Development
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

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The information contained within this Safety Data Sheet is in accordance with the guidelines established by Regulation (EU) 1907/2006 and Regulation (EU) 2020/878 amending Regulation (EU) No 1907/2006 and any subsequent amendments. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

Reason for Revision: The following sections have been revised: Section 3: Composition / Information on Ingredients. Checked and revised for editorial purposes due to adjustments according to the current Annex II of the REACH regulation. Safety Data Sheet according to Regulation (EU) No. 2020/878.

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

DRAFT