

MATERIAL SAFETY DATA SHEET MSDS



FULLTEC DRONE

MSDS PRO FER
Revision 02
11/10/2025
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1. IDENTIFICATION OF PRODUCTS AND COMPANIES

PRODUCT NAME: Fulltec X.

INTERNAL PRODUCT IDENTIFICATION CODE: Not available.

MAIN RECOMMENDED USES FOR THE PRODUCT: For agricultural use only.

COMPANY NAME: LATINA Agro Indústria e Comércio de Fertilizantes Ltda.

ADDRESS: Rodovia PR-317, 8.001, Parque Industrial Sul, CEP 87065-005, Maringá, PR, Brazil.

CONTACT PHONE : +55 (44) 3046-2600

EMERGENCY PHONE:

POISONING AND/OR POISONING: 0800-722-6001 (RENACIAT)

ENVIRONMENTAL ACCIDENTS: 0800-942-2105 (CETRIC)

EMAIL: contato@spraytec.com

2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

- Corrosion/Skin Irritation – Category 2
- Serious Eye Damage/Eye Irritation - Category 1
- Hazardous to the aquatic environment – Acute – Category 3
- Skin sensitization – Category 1
- Acute Toxicity – Oral – Category 5

EMS LABELLING ELEMENTS:

- **PICTOGRAMS:**



- **WARNING WORD:**

DANGER

- **HAZARD QUOTES:**

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H317 may cause allergic skin reactions.

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

- **PRECAUTIONARY MEASURES:**

- **GENERAL:**

P102 Keep out of reach of children.

P103 Read the label before using the product.

- **PREVENTION:**

P261 Avoid inhaling dust/fumes/gases/mists/vapors/aerosols.

P264 Wash thoroughly after handling.

P272 Contaminated work clothes must not leave the workplace.

P273 Avoid release to the environment.

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

- **EMERGENCY RESPONSE:**

P302 + P352 IN CASE OF CONTACT WITH SKIN: Wash with plenty of soap and water.

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P305 + P351 + P338 IN CASE OF EYE CONTACT: Rinse thoroughly with water for several minutes. If you wear contact lenses, remove them if it's easy. Continue rinsing.

P310 Contact a POISON NOTIFICATION CENTER or physician immediately.

P312 If you are not feeling well, contact a POISON CONTROL CENTER/doctor.

P321 Specific treatment.

P332 + P313 In case of skin irritation: Consult a doctor.

P333 + P313 In case of skin irritation or rash: Consult a doctor.

P362+P364 Remove all contaminated clothing and wash it before using it again.

Not applicable.

P501 Dispose of contents/container in accordance with local regulations.

- **STORAGE:**
- **DISPOSAL:**

OTHER HAZARDS THAT DO NOT GIVE RISE TO A RATING: Not applicable.

3. COMPOSITION AND INGREDIENT INFORMATION

CLASSIFICATION: Adjuvant;

CLASS: Drift Control

FORMULATION TYPE: Aqueous solution;

COMPOSITION: Water, alkyl glucosides, fatty alcohol ethoxylate

FUNCTIONING AGENTS:

Agent	CAS	% w/w
Alkyl Glucosides	68515-73-1	11.40%
Fatty Alcohol Ethoxylate	68439-46-3	40.90%

4. FIRST AID MEASURES

- **INHALATION:** Bring the person to a ventilated area and keep them at rest in a position that does not obstruct breathing. Contact a POISON NOTIFICATION CENTER or a doctor immediately.
- **SKIN CONTACT:** Remove all contaminated clothing and wash it before using it again. Wash your skin with plenty of soap and water. In case of irritation or rash: Consult a doctor.
- **EYE CONTACT:** Rinse thoroughly with water for several minutes. If you wear contact lenses, remove them if it's easy. Continue rinsing. Contact a POISON NOTIFICATION CENTER or a doctor immediately.
- **INGESTION:** Rinse your mouth. DO NOT induce vomiting. Contact a POISON NOTIFICATION CENTER or a doctor immediately. If you are not feeling well, contact a POISON CONTROL CENTER/doctor.

MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE OR LATE: In case of irritation or rash: Consult a doctor. If you are not feeling well, contact a POISON CONTROL CENTER/doctor.

NOTES TO DOCTOR: Not available.

5. FIREFIGHTING MEASURES

EXTINGUISHING MEANS: Non-flammable product. Fight the fire according to the spreading agent.

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SPECIFIC HAZARDS OF THE SUBSTANCE OR MIXTURE: Can generate toxic and irritating gases in conditions of high temperature or flame.

FIREFIGHTING PERSONNEL PROTECTIVE MEASURES: Wear personal protective equipment with self-contained positive pressure breathing and firefighting clothing. Protect your eyes with chemical-resistant glasses.

6. SPILL OR LEAK CONTROL MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

- **FOR NON-EMERGENCY SERVICES PERSONNEL:** Evacuate and cordon off the area.
- **FOR EMERGENCY SERVICES PERSONNEL:** Wear full PPE, safety goggles, safety gloves, appropriate protective clothing, and safety shoes. In case of large leaks, where exposure is large, it is recommended to wear a respiratory protection mask with a dust filter.

ENVIRONMENTAL PRECAUTIONS: Contain leaks and keep them away from storm drains and bodies of water. Check for contamination of the drinking water supply.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: For small leaks, carefully contain the spill. In the case of large leaks, contain the spill carefully. Disrupt the flow and stay away from rivers and streams. Check for contamination in the drinking water supply.

7. HANDLING AND STORAGE

SAFE HANDLING PRECAUTIONS: Wear proper personal protective equipment. Avoid physical damage to containers.

SAFE STORAGE CONDITIONS, INCLUDING INCOMPATIBILITIES: The product should be stored in a cool, dry, and ventilated place, away from direct sunlight. Protect packaging from physical damage. Keep the product in its original packaging. They are incompatible with the product: strong bases, oxidizing products, and metals that can react with acid.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

CONTROL PARAMETERS: Not available.

ENGINEERING CONTROL MEASURES: Not available.

PERSONAL PROTECTION MEASURES:

- **EYE AND FACE PROTECTION:** Wear chemical-resistant goggles with side protection to prevent splashes.
- **SKIN PROTECTION:** Wear an apron or lab coat. Wear waterproof clothing, boots, and rubber gloves.
- **RESPIRATORY PROTECTION:** In any case, a separate breathing apparatus can be used.
- **THERMAL RISKS:** Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid at room temperature, blue.

ODOR AND ODOR LIMIT: Slight phosphoric odor.

pH: 5.50 to 6.80 (0.5 ml/L solution).

MELTING POINT/FREEZING POINT: Not available.

INITIAL BOILING POINT AND BOILING TEMPERATURE RANGE: Not available.

FLASH POINT: Not available.

EVAPORATION RATE: Not available.

FLAMMABILITY (SOLID; GAS): Not available.

LOWER/UPPER LIMIT OF FLAMMABILITY OR EXPLOSIVENESS: Not available.

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VAPOR PRESSURE: Not available.
VAPOUR DENSITY: Not available.
SOLUBILITY(S): Not available.
PARTITION COEFFICIENT – N-OCTANOL/WATER: Not available.
AUTOIGNITION TEMPERATURE: Not available.
DECOMPOSITION TEMPERATURE: Not available.
VISCOSITY: Not available.

10. STABILITY AND RESPONSIVENESS

REACTIVITY: Not available.
CHEMICAL STABILITY: Stable product under normal conditions of use.
POSSIBILITY OF DANGEROUS REACTIONS: Not available.
CONDITIONS TO AVOID: High temperatures and direct exposure to the sun. Avoid contact with strong bases, oxidizing products, and metals that may react with acid.
INCOMPATIBLE MATERIALS: Strong bases, oxidizing products, and metals that can react with acid.
HAZARDOUS SPOILAGE PRODUCTS: Not available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not available.
SKIN CORROSION/IRRITATION: Not available.
SERIOUS EYE DAMAGE/EYE IRRITATION: Not available.
RESPIRATORY OR SKIN SENSITIZATION: Not available.
GERM CELL MUTAGENICITY: Not available.
CANCERICITY: Not available.
SPECIFIC TOXICITY IN TARGET ORGANS (SINGLE EXPOSURE): Not available.
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): Not available.
ASPIRATION HAZARD: Not available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not available.
PERSISTENCE AND DEGRADABILITY: Not available.
BIOACCUMULATIVE POTENTIAL: Not available.
GROUND MOBILITY: Not available.
OTHER SIDE EFFECTS: Not available.

13. FINAL DESTINATION CONSIDERATIONS

RECOMMENDED METHODS FOR FINAL DISPOSAL: Try to reuse the product. Properly collect and store spilled product for later reuse or final disposal. Check with your local environmental control agency. Rinse the used container with water and use the water when applying the product. The packaging can be recycled.

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14. TRANSPORTATION INFORMATION

NATIONAL AND INTERNATIONAL REGULATIONS:

- **LAND:** Product not classified as dangerous for land transport according to the National Land Transport Agency (ANTT).
- **INLAND WATERWAY:** A product not classified as hazardous for transport by inland waterway under the International Maritime Dangerous Goods Code (IMDG); NORMAM-05 of the Directorate of Ports and Coasts (DPC) of the Brazilian Navy; and the National River Transport Agency (ANTAQ).
- **AIR:** Product not classified as hazardous for air transport according to the International Civil Aviation Organization – Technical Instructions (ICAO-TI), International Air Transport Association – Dangerous Goods Regulations (IATA-DGR); and National Civil Aviation Agency (ANAC).

15. REGULATORY INFORMATION

SPECIFIC SAFETY, HEALTH AND ENVIRONMENTAL STANDARDS FOR THE CHEMICAL PRODUCT: Not available.

16. OTHER INFORMATION

IMPORTANT INFORMATION, BUT NOT SPECIFICALLY DESCRIBED IN THE PREVIOUS SECTIONS: The information contained herein is merely indicative and is provided in good faith, without incurring express or implied liability. It is up to you to use it in accordance with applicable federal, state, and local laws and regulations. If you need clarification or additional information, please consult Spraytec or its representatives.

This document was prepared in accordance with the criteria of NBR 14725. V7.

REFERENCES:

- IFA – Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung. GESTIS Substance Database. Available in: <https://gestis-database.dguv.de/>. Accessed on: June 10, 2022.
- ECHA – European Chemicals Agency. Information about the substance. Available in <https://echa.europa.eu/>. Accessed on: June 10, 2022.

LEGENDS AND ABBREVIATIONS:

- ABNT: Brazilian Association of Technical Standards
- CAS: Chemical Abstract Service
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- NBR: Brazilian Regulatory Standard
- RENACIAT: National Network of Toxicological Information and Assistance Centres