



PRODUCTOS AJF, SL

Safety data Sheet

WEEDS 36

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

1.1. Product identifier

WEEDS 36

1.1.1. Chemical name

Not applicable for a mixture

1.1.2. Synonyms

None.

1.1.3. No. CLP Annex VI Index

Not applicable.

1.1.4. C & L ID NO

Not available.

1.1.5. No. EC

Not applicable for a mixture

1.1.6. REACH Registration No.

Not applicable for a mixture

1.1.7. CAS

Not applicable for a mixture

1.2. Using the product

Herbicide.

Reserved use to farmers and professional applicators.

1.3. Company / (Sales office)

PRODUCTOS AJF, SL

Ctra. Moron-Sevilla, KM 41.8

41530 Moron (Sevilla) -España

Phone: +34 955 853 211

Fax: +34 955 853 213

Email: productosajf@productosajf.es

1.4. Emergency phone numbers

Phone: Spain: National Institute of Toxicology (Service 24h): +34 91 562 04 20

+34 955 853 211 (8-14 h 16-19 h) Mobile (24h) 610 780 655

2. IDENTIFICATION HAZARDS

2.1. Classification

2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP] (manufacturer self-classification)

Eye irritation - Category 2

H319

Provoke eye irritation serious.

2.1.2. National classification: Spain

Eye irritation - Category 2

Aquatic Chronic - Category 2
H319 Provoke eye irritation serious.
H411 Toxic to aquatic organisms, effective durable.

2.2. Label elements

Labeled in accordance with Regulation (EC) No 1272/2008 (CLP): Own manufacturer labels and labeling according to homologation formulated in Spain

Pictograph (s) of danger



Word of warning

Attention

Indication (s) of danger

H319 Provoke eye irritation serious.

Tip (s) of prudence

P264 Wash up hands and face thoroughly after handling.

P280 Wear gloves / clothing / eye / face protection.

P305 + 351 + 338 IN CASE OF EYE CONTACT: Clear out cautiously with water for several minutes. Remove contact lenses, if present and easy. Continue rinsing.

P337 + 313 If eye irritation persists: Get doctor.

Additional information on hazards

EUH401 With the purpose of avoid risks to people and the environment, follow the instruction use.

Label elements: Spain

Labeled in accordance with Regulation (EC) No 1272/2008 (CLP): Own manufacturer labels and labeling according to homologation formulated in Spain

Pictograph (s) of danger: Spain



Word of warning: Spain

Attention

Indication (s) of danger: Spain

H319 Provoke eye irritation serious.

H411 Toxic to aquatic organisms, effective durable.

Tip (s) of prudence: Spain

P261 Avoid breathing mist spray.

P264 Wash up thoroughly after handling.

P273 Avoid release to the ambient.

P280 Wear gloves and garments protection.

P305 + 351 + 338 IN CASE OF EYE CONTACT: Clear out cautiously with water for several minutes. Remove the

P391 contact lenses, if present and easy. Continue rinsing.
P501 Collect the spill.
Remove the content and / or container in accordance with waste regulations dangerous.

2.3. Other dangers

0% of the mixture consists of ingredient / ingredients acute toxicity unknown
0% of the mixture consists of components of unknown toxicity for the environment.

2.3.1. possible effects on the environment

It does not foresee any significant adverse effects when recommended use instructions are followed.

2.4.Aspecto and smell (Color / form / odor)

Yellow-amber / liquid, free of other materials / Light, amines

See section 11 for toxicological and section 12 for environmental information.

3. COMPOSITION / INFORMATION ON COMPONENTS

3.1 Substance: Not applicable.

3.2 Mixture: Yes

Composition / Information on Ingredients

components	CAS	No. EC	EU Index No. / REACH Registration No / C & L ID NO	Concentration	Classification
potassium salt of glyphosate	70901-12-1	933-437-9	015-184-00-8 / - / 02-2119694167-27-0000	35,5%	Chronic aquatic - Category 2; H411; {C}
Eteralkilamina ethoxylate	68478-96-6		- / - / -	6%	Acute toxicity - Category 4, eye damage - Category 1 Aquatic Chronic - Category 2; H302, 318, 411; {D}
Water and ingredients side of the formulation			- / - / -	58.5%	Not classified as dangerous.;

Active ingredient

potassium salt of N- (phosphonomethyl) glycine; {Potassium salt of glyphosate}

Full text of classification code: See section 16.

4. FIRST AID

Use personal protective equipment recommended in Section 8.

4.1. Description of first aid

4.1.1. Eye contact

Rinse with plenty of water immediately. Continue for at least 15 minutes. If possible, remove contact lenses. If symptoms persist check with your doctor.

4.1.2. Skin contact

Wash affected skin with plenty of water. Continue for at least 15 minutes. Remove clothing, watch and jewelry contaminated. Wash clothes and clean shoes before reuse. If symptoms persist check with your doctor.

4.1.3. Inhalation

Remove to fresh air.

4.1.4. Ingestion

Offer water to drink immediately. Do NOT induce vomiting unless advised by medical staff. If symptoms occur, consult a doctor.

4.2. Most important symptoms and both acute effects as deferred

4.2.1. Potential health effects

Possible routes of exposure: Skin contact, eye contact, inhalation

Eye contact, short term: It causes serious eye irritation.

Skin contact, short term: It does not foresee any significant adverse effects when recommended use instructions are followed.

Inhalation, short term: It does not foresee any significant adverse effects when recommended use instructions are followed.

4.3. Indication of any immediate medical attention and special treatment required

4.3.1. Advice to doctors

This product is not a cholinesterase inhibitor.

4.3.2. Antidote

Treatment with atropine and oximes is not indicated.

5. FIGHTING MEASURES FIRES

5.1. Extinguishing Media

5.1.1. Recommended Water, Foam, Dry powder, Carbon dioxide (CO₂)

5.2. special hazards

5.2.1. Fire and explosion unusual

Minimize use of water to prevent environmental pollution. Environmental precautions: see section 6.

5.2.2. Hazardous combustion products

Carbon monoxide (CO), oxides of phosphorus (P_xO_y), nitrogen oxides (NO_x)

5.3. Advice for firefighters

SCBA. Equipment should be thoroughly decontaminated after use.

5.4. Flashpoint

It does not flash.

6. DUMPING MEASURES ACCIDENTAL

6.1. Personal precautions

Using handling recommendations in Section 7 and personal protection recommendations in Section 8.

6.2. environmental precautions

SMALL QUANTITIES: little danger to the environment. **LARGE QUANTITIES:** Reduce the spread to a minimum. Keep out of drains, sewers, ditches and water.

6.3. Cleaning methods

Absorb with earth, sand or absorbent material. **SMALL QUANTITIES:** Flush spill area with water. Dig up heavily contaminated soil. See section 7 for types of containers.
LARGE QUANTITIES: Collect in containers for disposal. Rinse residues with small amounts of water. Minimize use of water to prevent environmental pollution.

See section 13 for disposal of spilled product.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

proper cleaning and personal hygiene industry practices must be followed. Avoid eye contact. Do not eat, drink or smoke during use. Wash hands thoroughly after handling or contact with the product. Wash contaminated clothing before reuse. Thoroughly clean equipment after use. Do not contaminate drains, sewers and waterways with water flushing equipment. For water treatment rinses, see section 13 of the MSDS.

Empty containers retain vapor and product residue. **FOLLOW LABELED WARNINGS EVEN AFTER CONTAINER IS EMPTY.**

7.2. Conditions for safe storage, including whether there are compatibilities substances

compatible storage: Stainless steel, fiberglass, plastic, glass lining

Incompatible materials for storage: Galvanized steel, unlined low storage temperature: -15 ° C
maximum storage temperature: 50 ° C

Keep out of reach of children. Keep away from foodstuffs, beverages and feed. Keep in a cool, well-ventilated and keep tightly closed. Keep only in the original container. Minimum shelf life: 2 years. This formulation can be stored for 2 to 3 weeks at temperatures below -20 ° C, without effect. If the temperature remains below -20 ° C for a longer period, the aqueous phase of the formulation can freeze. Should this happen, I put the product in a warmer zone and regain its original homogeneous state. It is recommended that users follow good practice to shake the container before pouring in the spray tank doses.

If frozen, place in a warm room and shake frequently to redissolve the product.

7.3. Special end use / uses

Not applicable.

8. EXPOSURE CONTROLS / PROTECTION PERSONAL

8.1. Control parameters

Exposure limits in the air

components	Exposure Guidelines
potassium salt of glyphosate	It has not established specific occupational exposure limit.
Eteralkilamina ethoxylate	It has not established specific occupational exposure limit.
Water and ingredients side of the formulation	It has not established specific occupational exposure limit.

8.2. Exposure controls

Engineering controls

Establish a system of eyewash near areas where an eye contact can occur.

Eye protection:

If risk for contact: Wear chemical goggles.

Skin Protection:

In case of repeated or prolonged contact: Wear gloves to chemicals. The chemical resistant gloves include those made of materials waterproof, such as nitrile, butyl, neoprene, PVC, natural rubber and / or barrier laminate.

Respiratory protection:

No special requirement when used as recommended.

When recommended, consult manufacturer of personal protective equipment for the appropriate type of equipment for a given application.

9. PHYSICAL AND PROPERTIES CHEMICAL

These data are values obtained from a sample of the product but may vary from sample to sample. There they can be regarded as a guaranteed analysis of any sample or product specifications.

9.1 Information on basic physical and chemical properties

Color / color range:	Yellow - Amber
Shape:	Liquid, free of other materials
Odor:	Light, amines
Odor threshold:	Any data.
Physical form changes (melting, boiling, etc.):	
Melting point:	Not applicable.
Boiling point:	Any data.
Flashpoint:	It does not flash.
Explosive properties:	No explosive properties
Self:	Any data.
Auto accelerated decomposition temperature (SADT):	Any data.
oxidizing properties:	Any data.
Specific Gravity:	1.2514 @ 20 ° C / 4 ° C
Vapor pressure:	No significant volatility; aqueous solution.
Vapor Density:	Not applicable.
dynamic viscosity:	8.0 mPa s @ 20 ° C
Kinematic viscosity:	ZL4 6.36 @ 20 ° C
Density:	1.2514 g / cm ³ @ 20 ° C
Solubility:	Water: Fully miscible.
pH:	4.8 @ 10 g / l
Partition coefficient n-octanol / water:	log Pow: <-3.2 @ 25 ° C (Glyphosate)

9.2 Other information

Evaporation rate:

Any data.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with galvanized steel or unlined produce hydrogen, a highly flammable gas that may explode steel.

10.2. chemical stability

Stable under normal conditions of handling and storage.

10.3. Possibility of hazardous reactions

Reacts with galvanized steel or unlined produce hydrogen, a highly flammable gas that may explode steel.

10.4. Conditions to avoid

None

10.5. incompatible materials

Incompatible materials for storage: galvanized steel, soft without compatible coating materials for steel store: see section 7.2.

10.6. Dangerous decomposition products

Dangerous combustion products: See Section 5.

11. INFORMATION POISON

This section is toxicologists and other health specialists.

11.1. Information on toxicological effects

Acute oral toxicity: According to the data available does not meet the classification criteria.

Acute Dermal Toxicity: According to the data available does not meet the classification criteria.

Acute inhalation toxicity: According to the data available does not meet the classification criteria.

Skin Irritation: According to the data available does not meet the classification criteria.

Corrosion Eye / Eye Irritation Category 2 .:

Skin sensitization: According to the data available does not meet the classification criteria.

Respiratory Sensitization: According to the data available does not meet the classification criteria.

mutagenicity: According to the data available does not meet the classification criteria.

carcinogenicity: According to the data available does not meet the classification criteria.

Reproductive toxicity / Development: According to the data available does not meet the classification criteria.

specific target organ systemic toxicity single exposure: According to the data available does not meet the classification criteria.

specific organ toxicity Diana repeated exposure: According to the data available does not meet the classification criteria.

Aspiration Hazard: According to the data available does not meet the classification criteria.
most important, both acute and delayed Potential Health Effects symptoms and effects
Possible routes of exposure: Skin contact, eye contact, inhalation
Eye contact, short term: It causes serious eye irritation.
Skin contact, short term: It does not foresee any significant adverse effects when recommended use instructions are followed.
Inhalation, short term: It does not foresee any significant adverse effects when recommended use instructions are followed.

If available, the data obtained with similar products and / or components are summarized below.

More concentrated formulation Skin sensitization

Guinea pigs, Buehler test inductions 9: Negative.

More concentrated formulation Acute inhalation toxicity

Rat, LC50, 4 hours, aerosol:> 5.05 mg / L
Practically non-toxic.

More concentrated formulation Acute Oral Toxicity

Rat, LD50 (limit test):> 5,000 mg / kg body weight Target organs / systems: none
No mortality. Practically non-toxic.

Acute dermal toxicity

Rat, LD50 (limit test):> 5,000 mg / kg body weight Target organs / systems: none
No mortality. Practically non-toxic.

skin irritation

Rabbit, 6 animals, OECD 404 test:
Redness, mean EU: 0.5 Swelling, mean EU: 0.0 Days to heal: 3 Slight irritation.

Eye irritation

Rabbit, 6 animals, OECD 405 test:
Conjunctival redness, mean EU: 1.83 conjunctival swelling, EU average: 1.44 Clouding, mean EU: 1.33
Iris lesions, mean EU score: 0.89 Days to heal: 14

N- (phosphonomethyl) glycine; {Glyphosate} genotoxicity

No genotoxic.

carcinogenicity

Not carcinogenic in rats or mice.

Reproductive toxicity / Development

Developmental effects in rats and rabbits only in the presence of significant maternal toxicity.
Reproductive effects in rats only in the presence of significant maternal toxicity.

12. INFORMATION ECOLOGICAL

This section is intended for ecotoxicologists and other environmental specialists.

12.1 Toxicity

Any data.

12.2 Persistence and degradability

Any data.

12.3 bioaccumulative potential

See Section 9 for the partition coefficient.

12.4 Mobility in soil

Any data.

12.5 Results of PBT and vPvB assessment

Mix not persistent, bioaccumulative or toxic (PBT) or very persistent, very bioaccumulative (vPvB).

12.6 Other adverse effects

It does not foresee any significant adverse effects when recommended use instructions are followed.

12.7 Additional Information

If available, the data obtained with similar products and / or components are summarized below.

More concentrated formulation

Aquatic toxicity, fish

Rainbow trout (*Oncorhynchus mykiss*):

Acute toxicity, 96 hours, static, LC50: 28 mg / L

Aquatic toxicity, invertebrates

Water flea (*Daphnia magna*):

Acute toxicity, 48 hours, static, EC50: 69 mg / L

Aquatic toxicity, algae / aquatic plants green

alga (*Selenastrum capricornutum*):

Acute toxicity, 72 hours, static, ErC50 (growth rate): 14 mg / L

green alga (*Selenastrum capricornutum*):

Acute toxicity, 72 hours, static, NOEC: 2.0 mg / L

Toxicity to arthropods Honey bee

(*Apis mellifera*):

Contact, 48 hours, LD50:> 265 ug / bee

Honey bee (*Apis mellifera*):

Oral, 48 hours, LD50:> 285 ug / bee

Toxicity to soil organisms, invertebrates Earthworm (*Eisenia foetida*):

Acute toxicity, 14 days, LC50:> 2,700 mg / kg dry soil

Toxicity to soil organisms, microorganisms Transformation test

nitrogen and carbon:

48 L / ha, 28 days: Less than 25% effect on the transformation processes nitrogen or carbon in the soil.

N- (phosphonomethyl) glycine; {Glyphosate}

Toxicity to birds

Bobwhite quail (*Colinus virginianus*):

Acute oral toxicity, single dose, LD50:> 3851 mg / kg body weight

bioaccumulation

Bluegill (*Lepomis macrochirus*):

Whole fish: BCF: <1

No significant bioaccumulation is expected.

Dissipation Soil,

field:

Average life: 2 - 174 days

Koc: 884-60000 L / kg

It is strongly fixed to the floor.

Water, aerobic:

Half life: <7 days

13. CONSIDERATIONS ELIMINATION

13.1. Waste treatment methods

13.1.1. Product

Keep out of drains, sewers, ditches and water. Follow all local / regional / national / international regulations on waste destruction. Follow the current directives on hazardous waste disposal, landfill and burning general waste. Disposal as hazardous waste can only be performed in an authorized hazardous waste incinerator. destruction is recommended in an industrial waste incinerator with energy recovery.

13.1.2. Container

Follow all local / regional / national / international regulations on waste disposal, collection and disposal of packaging. Follow the current directives on hazardous waste disposal, landfill and burning general waste. DO NOT re-use containers.

Rinse empty containers triple or pressure. Pour the rinse water sprayer. Properly rinsed containers can be disposed as nonhazardous industrial waste Store for collection by a recognized service responsible for waste disposal. Recycle if appropriate facilities and equipment available. Recycle nonhazardous container only when there is adequate control on the final use of recycled plastic. Suitable only for recycling industrial type. NO to recycle plastic that can end in contact with humans or food. This package meets the requirements for energy recovery. It is recommended disposal in an incinerator with energy recovery Dispose of container as hazardous waste if it has not been rinsed properly.

Using handling recommendations in Section 7 and personal protection recommendations in Section 8.

14. RELATED INFORMATION TRANSPORT

The data cited in this section is for information only. Please apply appropriate measures to properly classify your shipment for transportation regulations.

ADR / RID

- 14.1 **No. UN:** Not applicable.
- 14.2 **proper shipping name (technical name if required):** Not applicable.
- 14.3 **Hazard class:** Not applicable.
- 14.4 **Packing group:** Not applicable.
- 14.5 **Risks to the environment:** Not applicable.
- 14.6 **Special precautions for user:** Not applicable.

IMO

- 14.1 **No. UN:** Not applicable.
- 14.2 **proper shipping name (technical name if required):** Not applicable.
- 14.3 **Hazard class:** Not applicable.
- 14.4 **Packing group:** Not applicable.
- 14.5 **Risks to the environment:** Not applicable.
- 14.6 **Special precautions for user:** Not applicable.
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

IATA / ICAO

- 14.1 **No. UN:** Not applicable.
- 14.2 **proper shipping name (technical name if required):** Not applicable.
- 14.3 **Hazard class:** Not applicable.
- 14.4 **Packing group:** Not applicable.
- 14.5 **Risks to the environment:** Not applicable.
- 14.6 **Special precautions for user:** Not applicable.

15. INFORMATION REGULATORY

15.1. Regulations / legislation on health, safety and specific for the substance or mixture

- SP1: Do not contaminate water WITH THE PRODUCT OR ITS PACKAGING. (Do not clean Product application equipment near surface water / Avoid contamination through systems Drainage farms or roads).
- SPe3: To protect aquatic organisms, respect yourself untreated a security strip of 5 m. to the surface water bodies.
- SPo2: Wash all protective clothing after use.

15.2. Chemical Safety Assessment

No chemical safety assessment in accordance with the EC Regulation No. 1907/2006 is necessary and has not been performed.

It was carried out a risk assessment in accordance with Regulation (EC) No 1107/2009.

16. OTHER INFORMATION

The information given here is not necessarily exhaustive, but is representative of relevant, reliable data. Follow all local / regional / national / international regulations.

Please consult supplier if further information is needed.

This paper used the Spanish of Spain.

This MSDS has been prepared in accordance with Regulation (EC) No. 1907/2006 (Annex II), as amended by Regulation (EC) No 2015/830

The data provided in this safety data sheet refer to the supplied product unless otherwise indicated.

Classification of components

components	Classification
potassium salt of glyphosate	Aquatic Chronic - Category 2 H411 Toxic to aquatic life with long lasting effects.
Eteralkilamina ethoxylate	Acute toxicity - Category 4 eye damage - Category 1 Aquatic Chronic - Category 2 H302 Harmful if swallowed. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects.
Water and minor ingredients formulation	Not classified as dangerous.

Endnotes:

{A} EU label (manufacturer self-classification)

{B} EU label (Annex I)

{C} in the EU CLP Classification (Annex VI)

{D} EU CLP Classification (manufacturer self-classification)

Full name of the acronyms used more often. BCF (Bioconcentration Factor), BOD (biochemical oxygen demand), COD (Chemical Oxygen Demand), EC50 (median effective concentration), ED50 (median effective dose), IM (intramuscular), IP (intraperitoneal), IV (intravenous), Koc (adsorption coefficient soil), LC50 (lethal concentration), LD50 (median lethal dose), LDLo (lethal dose), LEL (Lower Limit), LOAEC (concentration with minimal observed adverse effect), LOAEL (Level with minimal observed adverse effect level), LOEC (Concentration Lowest observed effect), LOEL (Lowest observed effect), MEL (maximum exposure Limit), DMT (maximum dose Tolerable), NOAEC (Concentration no observed adverse effect), NOAEL (no observed adverse effect level)

Although the information and recommendations (hereinafter referred to as "Information"), are presented in good faith and in the belief that this date is correct, the company or any of its subsidiaries does not guarantee that these data are complete and accurate in the moment you. you read this information. This information is given on the condition that recipients determine themselves whether they agree to its intended use. The company or any of its subsidiaries may in no circumstances be held liable for any damages resulting from the use of information or any action based on it. NOT ESTABLISHED ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THE COMMERCIAL VALUE OF PRODUCT TO WHICH REFER, OR AS TO FITNESS FOR A PARTICULAR PURPOSE,

Annex on the safety data sheet (SDS)

Chemical Safety Report:

Read and follow label instructions.