



PRODUCTOS AJF, SL
Safety data Sheet
FEGLISATO GV 36

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

1.1. Product identifier

FEGLISATO GV 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. Approved for domestic outdoor gardening in specific containers.

1.3. Company

PRODUCTOS AJF, SL
Ctra. Moron-Sevilla, KM 41.8
Border 41530 Moron (Seville) -España
Phone: +34 955 853 211
Fax: +34 955 853 213
Email: productosajf@productosaif.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. National classification: Spain

Aquatic Chronic - Category 2
H411 Toxic to aquatic organisms, effective durable.

2.2. Label elements: Spain

Labeled in accordance with Regulation (EC) No 1272/2008 (CLP)

Pictograph (s) of danger: Spain



Indication (s) of danger: Spain

H411

Toxic to aquatic organisms, effective durable.

Tip (s) of prudence: Spain

P261

Avoid breathe fog.

P262

Avoid contact with eyes, skin or clothing.

P273

Avoid release to the ambient.

P391

Collect the spill.

P501

Remove the content and / or container in accordance with waste regulations dangerous.

Other information on hazards: Spain

EUH401A avoid risks to people and the environment, follow the instructions use.

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)

Yellowish-Brown / Liquid / Earthy

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
isopropylamine salt of glyphosate	38641-94-0	254-056-8	015-184-00-8 / - / 02-2119693876-15- 0000	41.5000%	Chronic aquatic - Category 2; H411; {C}
Blend of surfactants			- / - / -	8.5000%	Chronic aquatic - Category 3; H412
Water	7732-18-5	231-791-2	- / - / -	50.0000%	Not classified as dangerous.;

Active ingredient

isopropylamine salt of N- (phosphonomethyl) glycine; {Isopropylamine 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. If possible, remove contact lenses.

4.1.2. Skin contact

Remove clothing, watch and jewelry contaminated. Wash affected skin with plenty of water. Wash clothes and clean shoes before reuse.

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

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

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

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

6.1. Personal precautions

Use personal protective equipment recommended in Section 8.

6.2. environmental precautions

SMALL QUANTITIES: Low environmental hazard. LARGE QUANTITIES: Reduce the spread to a minimum. Keep out of drains, sewers, ditches and water. Inform the authorities.

6.3. Cleaning methods

SMALL QUANTITIES: Flush spill area with water. LARGE QUANTITIES: Absorb with earth, sand or absorbent material. Dig up heavily contaminated soil. Pickup containers for disposal. See section 7 for types of containers. 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. Do not eat, drink or smoke during use. Wash hands thoroughly after handling or contact with the product. Thoroughly clean equipment after use. Do not contaminate drains, sewers and waterways with water flushing equipment. Empty containers retain vapor and product residue. For water treatment rinses, see section 13 of the MSDS. Observe all recommended safety precautions until container is cleaned, reconditioned or destroyed.

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, steel unlined, see section 10.

minimum storage temperature: -15 ° C maximum

storage temperature: 50 ° C

Keep out of reach of children. Keep away from foodstuffs, beverages and feed. Keep only in the original container. A partial crystallization may occur after prolonged storage under low temperature for this. If frozen, place in a warm room and shake frequently to redissolve the product. Minimum shelf life: 5 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.

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
isopropylamine salt glyphosate	It has not established specific occupational exposure limit.
Blend of surfactants	It has not established specific occupational exposure limit.
Water	It has not established specific occupational exposure limit.

8.2. **Exposure controls**

Engineering controls

No special requirement when used as recommended.

Eye protection:

No special requirement when used as recommended.

Skin Protection:

In case of repeated or prolonged contact: Wear gloves to chemicals.

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:	Yellowish - Brown
Shape:	Liquid
Odor:	Earthy
Odor threshold:	Any data.
Physical form changes (melting, boiling, etc.):	
Melting point:	Not applicable.
Flashpoint:	It does not flash.
Explosive properties:	No explosive properties
Self:	440 ° C
Auto accelerated decomposition temperature (SADT):	Any data.
oxidizing properties:	none
Specific Gravity:	1.17 @ 20 ° C / 4 ° C
Vapor pressure:	No significant volatility; aqueous solution.

Vapor Density:	Not applicable.
dynamic viscosity:	Any data.
Kinematic viscosity:	25.22 ZL4 @ 20 ° C
Density:	1.1642 g / cm3 @ 20 ° C
Solubility:	Water: Fully miscible.
pH:	4.6 to 5.0 @ 80 g / l
Partition coefficient n-octanol / water:	log Pow: <-3.2 @ 25 ° C (Glyphosate)

9.2 Other information

Evaporation rate:	Any data.
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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, steel unlined, see section 10.

Compatible materials for storage: see section 7.2.

10.6. Hazardous decomposition products

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

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

Similar formulation Acute

Oral Toxicity

Rat LD50:> 5,000 mg / kg body weight No mortality. Practically non-toxic.

Acute dermal toxicity

Rat LD50:> 5,000 mg / kg body weight No mortality. Practically non-toxic.

skin irritation

Rabbit, 6 animals, OECD 404 test: Redness, mean EU: 0.11 Swelling, mean EU: 0.00
Days to heal: 3 Mainly non-irritating.

Eye irritation

Rabbit, 6 animals, OECD 405 test:
Conjunctival redness, mean EU: 1.11 conjunctival swelling, EU average: 0.00 Clouding, mean EU: 0.00
Iris lesions, mean EU score: 0.00 Days to heal: 7 Slight irritation.

Skin sensitization

Guinea pigs, Buehler test inductions 9: Positive incidence: 0%

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.

Similar formulation

Aquatic toxicity, fish

Rainbow trout (*Oncorhynchus mykiss*):

Acute toxicity, 96 hours, flowthrough, LC50:> 989 mg / L

common carp (*Cyprinus carpio*):

Acute toxicity, 96 hours, flowthrough, LC50:> 895 mg / L

Aquatic toxicity, invertebrates

Water flea (*Daphnia magna*):

Acute toxicity, 48 hours, flowthrough, EC50: 676 mg / L

Aquatic toxicity, algae / aquatic plants green

alga (*Selenastrum capricornutum*):

Acute toxicity, 72 hours, static, ErC50 (growth rate): 284 mg / L

Duckweed (*Lemna gibba*):

semi-static acute toxicity, 7 days, ErC50 (growth rate):> 150 mg / L

Duckweed (*Lemna gibba*):

semi-static acute toxicity, 7 days, NOEC: 19.1 mg / L

Toxicity to arthropods Honey bee

(*Apis mellifera*):

Oral, 48 hours, LD50:> 254 ug / bee

Honey bee (*Apis mellifera*):

Contact, 48 hours, LD50:> 330 ug / bee

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

Acute toxicity, 14 days, LC50:> 1,250 mg / kg dry soil

Toxicity to soil organisms, microorganisms Transformation test nitrogen and carbon:

53 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

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. Keep out of drains, sewers, ditches and water.

13.1.2. Container

Suitable only for recycling industrial type. NO to recycle plastic that can end in contact with humans or food. 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 Discard the container as hazardous waste if not properly rinsed. Store for collection by a recognized service responsible for waste disposal. Recycle nonhazardous bags only when adequate control of the recycled plastic are possible. This package meets the requirements for energy recovery. It is recommended disposal in an incinerator with energy recovery disposal as hazardous waste can only be performed in a hazardous waste incinerator authorized.

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.

Note

This product 3082 when transported individually or combined in a package containing a net amount per single container or within five lower, is not subject to any other provision of ADR / RID or IMDG if the package used meets the general provisions of 4.1.1.1, 4.1.1.2, and 4.1.1.4 to 4.1.1.8

ADR / RID

- 14.1 No. UN: UN 3082
- 14.2 proper shipping name (technical name if required): **HAZARDOUS SUBSTANCE FOR ENVIRONMENT, NDS, (Glyphosate isopropylamine salt)**
- 14.3 Transport hazard class: **9**
- 14.4 Packing group: **III**
- 14.5 Risks to the environment: **Yes**
- 14.6 Special precautions for user: Not applicable.

IMO

- 14.1 No. UN: UN 3082
- 14.2 proper shipping name (technical name if required): **HAZARDOUS SUBSTANCE FOR ENVIRONMENT, NDS, (Glyphosate isopropylamine salt)**
- 14.3 Transport hazard class / (hazard (s) Subsidiary): **9**
- 14.4 Packing group: **III**
- 14.5 Risks to the environment: **Yes**
- 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.**

Note: MARINE POLLUTANT

IATA / ICAO

- 14.1 No. UN: UN 3082
- 14.2 proper shipping name (technical name if required): **HAZARDOUS SUBSTANCE FOR ENVIRONMENT, NDS, (Glyphosate isopropylamine salt)**
- 14.3 Transport hazard class / (hazard (s) Subsidiary): **9**
- 14.4 Packing group: **III**
- 14.5 Risks to the environment: **Yes**
- 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 plants not be treated, untreated respect yourself a guard band of 5 m to non-agricultural land or adjacent crops.

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.

|| significant changes from the previous edition.

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

Classification of components

components	Classification
isopropylamine salt of glyphosate	Aquatic Chronic - Category 2 H411 Toxic to aquatic life with long lasting effects.
Blend of surfactants	Aquatic Chronic - Category 3 H412 Harmful to aquatic life with long lasting effects.
Water	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)

The information contained in this safety data sheet complies with the provisions of Regulation (EU) 1907/2006 and Regulation (EU) 2015/830 amending Regulation (EU) 1907/2006 (and subsequent amendments). This safety data sheet complements the technical instructions for the user but does not replace them. Containing data are based on the available knowledge on the product referred to in the time it was compiled. Strongly users of possible risks of using a product for purposes other than those for which it was created is cautioned. The information provided is in accordance with Community regulations in force. It requires recipients of this tab to observe any additional national regulatory requirement.

Annex on the safety data sheet (SDS)

Chemical Safety Report:

Read and follow label instructions.

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document
