



Plaza
Herbicide - Water dispersible granules (WG)

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

1.1 Product identifier: Plaza
Herbicide - Water dispersible granules (WG)
Contains 250g/kg or 25% (w/w) of Rimsulfuron

Other means of identification: Not available

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

Relevant uses: Herbicide for agricultural use. For professional users only.

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

Ascenza Agro, SA
Avenida do Rio Tejo, Herdade das Praias
2910-440 Setúbal - Portugal - Setúbal
Phone: +351265710100 - Fax: +351265710105
agroseguranca@ascenza.com
http://www.ascenza.com

1.4 Emergency telephone number: Local Poisons Information Centre

SECTION 2: HAZARDS IDENTIFICATION (>)

2.1 Classification of the substance or mixture:

This product contains less than 1% respirable crystalline silica, so it does not require classification

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Acute 1: Hazardous to the aquatic environment, acute hazard, Category 1, H400

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410

Eye Irrit. 2: Eye irritation, Category 2, H319

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning



Hazard statements:

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Precautionary statements:

P101: Keep the packaging or identification label, in case medical attention is needed.

P102: Keep away from children.

P280: Wear protective gloves/protective clothing/protective eye wear/face protection.

P305+P351+P338: UPON CONTACT WITH EYES: Wash eyes under running water for a few minutes. When possible, remove any contact lenses. Continue washing.

P337+P313: If the eyes continue to feel irritated: Seek medical attention.

P391: Clean up any spillages.

P501: Add contents to/fill up container.

Supplementary information:

EUH401: Refer to user manual to avoid risks to humans and the environment.

Additional labeling:

SP 1: The product or container should not be released into water. (Spreading devices are not to be cleaned near surface waters. Avoid indirect discharge into courtyard or street drains.)

The product is classified as slightly damaging to populations of relevant beneficial insects.

The product is classified as damaging to populations of relevant predatory mites and spiders.

The product is poisonous to algae.

The product is poisonous to fish.

The product is poisonous to higher aquatic plants.

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SECTION 2: HAZARDS IDENTIFICATION (continued) (>)

Avoid unnecessary contact with the product. Misuse can lead to health hazards.
Keep the packaging or label of the product, in case medical consultation is needed.
Keep away from children.
For requirements of personal protective equipment when handling plant protection products, refer to the safety data sheet and the user manual of the plant protection product as well as the Guideline "Personal Protective Equipment when Handling Plant Protection Products" from the Federal Office for Consumer Protection and Food Safety (www.bvl.bund.de).
Do not eat, drink or smoke when handling the product.
Make sure plant protection products are dried up before filling the flasks and cultures up again.
Work clothes (if no specific protective clothing is required) and tight shoes (for example rubber boots) should be worn during dispersion/handling of plant protection products.

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria
Endocrine-disrupting properties: The product fails to meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (>)

3.1 Substance:





Non-applicable

3.2 Mixture:

Chemical description: Organic compounds

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 122931-48-0 EC: 602-908-8 Index: -- REACH: (i)	Rimsulfuron⁽¹⁾ Self-classified		25 % (*)
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410 - Warning 	
CAS: 151-21-3 EC: 205-788-1 Index: -- REACH: 01-2119489461-32-XXXX	Sodium dodecyl sulphate (powder)⁽¹⁾ Self-classified		1 - <2,5 %
	Regulation 1272/2008	Acute Tox. 4: H302+H332; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Flam. Sol. 2: H228; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger   	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

(*) Equivalent to 250g/Kg of Rimsulfuron

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

- (i) Substance considered registered under Article 15 (1) of Regulation 1907/2006;
- (ii) Substance considered as registered under Article 15 (2) of Regulation (EC) No 1907/2006;
- (iii) Substance exempted from registration under Article 2 (9) of Regulation 1907/2006;
- (iv) Substance exempt from registration under Article 2 (7) (a) of Regulation (EC) No 1907/2006;
- (v) Substance exempted from registration under Article 6 (1) of Regulation (EC) No 1907/2006;
- (vi) Substance exempted from registration under Article 2 (7) (b) of Regulation (EC) No 1907/2006;
- (vii) Substance exempted from registration under Article 2 (7) (c) of Regulation (EC) No 1907/2006

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

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SECTION 4: FIRST AID MEASURES (continued)

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

(associated to active ingredients):

(Rimsulfuron): Ingestion - gastrointestinal disorder: nausea, vomiting, diarrhoea and abdominal ache; mouth, pharynx and abdomen burn; salivation; fever; headache; seizures; prostration; methaemoglobinaemia. Inhalation – respiratory disturbs, cough, dyspnoea, irritation of upper respiratory tract; Contact - irritation of the eyes, skin and mucous, watering of eyes, conjunctivitis, dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed:

Provide symptomatic treatment. If swallowed induce vomiting or provide a gastric wash or administrate activated charcoal or saline laxative (type: sodium or magnesium sulphate or similar). In case of methaemoglobinaemia administrate methylene blue. Specific antidote does not exist.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

For emergency responders:

See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE (>)

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (>)

8.1 Control parameters:

(Rimsulfuron): ADI: 0.1 mg/kg b.w./day; AOEL: 0.07 mg/kg b.w./day

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Sodium dodecyl sulphate (powder) CAS: 151-21-3 EC: 205-788-1	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	4060 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	285 mg/m ³	Non-applicable

DNEL (General population):

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued) (>)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Sodium dodecyl sulphate (powder) CAS: 151-21-3 EC: 205-788-1	Oral	Non-applicable	Non-applicable	24 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2440 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	85 mg/m ³	Non-applicable

PNEC:



Identification					
Sodium dodecyl sulphate (powder) CAS: 151-21-3 EC: 205-788-1	STP	1,35 mg/L	Fresh water	0,176 mg/L	
	Soil	1,29 mg/kg	Marine water	0,018 mg/L	
	Intermittent	0,055 mg/L	Sediment (Fresh water)	6,97 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	0,697 mg/kg	

8.2 Exposure controls:



A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Compulsory use of face mask	Disposable mask with P2 filter.		EN 149+A1	Replace when an increase in resistance to breathing is observed.

C.- Specific protection for the hands



Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Protective gloves against minor risks		EN ISO 374-1 EN 420+A1	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing		EN ISO 13982-1 EN 1149 -5 EN ISO 13688	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended
	Anti-slip work shoes		EN ISO 20347 EN ISO 20345 EN 13832-3	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended



F.- Additional emergency measures

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1	 Eyewash stations	DIN 12 899 ISO 3864-1

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m ³ (0 g/L)
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (>)

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state at 20 °C:	Solid
Appearance:	Granulated
Colour:	 Beige
Odour:	Weak
Odour threshold:	Not available

Volatility:

Boiling point at atmospheric pressure:	Non-applicable
Vapour pressure at 20 °C:	Non-applicable
Vapour pressure at 50 °C:	<300000 Pa (300 kPa)
Evaporation rate at 20 °C:	Non-applicable

Product description:

Density at 20 °C:	1.083 g/cm ³
Relative density at 20 °C:	Not available
Dynamic viscosity at 20 °C:	Non-applicable
Kinematic viscosity at 20 °C:	Non-applicable
Kinematic viscosity at 40 °C:	Non-applicable
Concentration:	Not available
pH:	7,3
Vapour density at 20 °C:	Non-applicable
Partition coefficient n-octanol/water 20 °C:	Not available
Solubility in water at 20 °C:	Not available
Solubility properties:	Dispersible in water
Decomposition temperature:	Not available
Melting point/freezing point:	Not available

Flammability:

Flash Point:	Non-applicable
Flammability (solid, gas, liquid):	Not flammable

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued) (>)

Autoignition temperature:	>400°C
Lower flammability limit:	Non-applicable
Upper flammability limit:	Non-applicable
Explosive (Solid):	
Lower explosive limit:	Non-applicable
Upper explosive limit:	Non-applicable
Particle characteristics:	
Median equivalent diameter:	Not available

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not explosive
Oxidising properties:	Not oxidising
Corrosive to metals:	Not available
Heat of combustion:	Not available
Aerosols-total percentage (by mass) of flammable components:	Non-applicable

Other safety characteristics:

Surface tension at 20 °C:	Non-applicable
Refraction index:	Not available

As for the remaining characteristics, data is not presented because it is not available, in accordance with the registration studies and intrinsic characteristics of the products.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Precaution	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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SECTION 11: TOXICOLOGICAL INFORMATION (>)

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

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SECTION 11: TOXICOLOGICAL INFORMATION (>)

Acute toxicity (*):

Acute Oral LD50: >2000 mg/kg b.w. (Rats)
Acute Dermal LD50: >2000 mg/kg b.w. (Rats)
Acute Inhalation LC50 (4h): NA

Acute Effects (*):

Skin corrosion/ irritation: Not irritant (Rabbit)
Serious eye damage/irritation: Eye Irritant (Rabbit)
Respiratory sensitisation: No information available
Skin sensitisation: Not a skin sensitizer (Female Mouse)

Chronic effects (Rimsulfuron):

Mutagenicity: Not observed
Carcinogenicity: Not observed
Reproductive toxicity: Not observed
STOT- single exposure: Not demonstrated
STOT- repeated exposure: Not demonstrated
Aspiration hazard: No information available

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

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Rimsulfuron CAS: 122931-48-0 EC: 602-908-8	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	Rat
	LC50 inhalation	>5,4 mg/L (4 h)	Rat
Sodium dodecyl sulphate (powder) CAS: 151-21-3 EC: 205-788-1	LD50 oral	1200 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	1,5 mg/L (4 h) (ATEi)	

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION (>)

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Rimsulfuron CAS: 122931-48-0 EC: 602-908-8	LC50	>390 mg/L (96 h)	Rainbow Trout	Fish
	EC50	>360 mg/L (48h)	<i>Daphnia magna</i>	Crustacean
	EC50	1.2 mg/L (72h)	<i>Pseudokirchneriella subcapitata</i>	Algae
Sodium dodecyl sulphate (powder) CAS: 151-21-3 EC: 205-788-1	LC50	>10 - 100 (96 h)		Fish
	EC50	>10 - 100 (48 h)		Crustacean
	EC50	>10 - 100 (72 h)		Algae

Acute toxicity:

Fish acute LC50 (96 h): 43.23 mg FP/l (Rainbow trout)
Aquatic invertebrates acute EC50 (48 h): 18.9 mg FP/l (*Daphnia magna*)
Algae acute EC50 (72 h): 6.37 mg FP/l (*Pseudokirchneriella subcapitata*)
Birds acute Oral LD50: > 2250 mg/kg b.w. (Bobwhite quail and Mallard ducks) (Rimsulfuron)
Bee oral LD50 (48h): > 107.4 µg/bee (Rimsulfuron)
Bee contact LD50 (48h): > 100 µg/bee (Rimsulfuron)
Aquatic plants CE50 (7d): 0.00294 mg FP/L
Aquatic plants CE50 (14 d): 0.0046 mg/l (*Lemna gibba*) (Rimsulfuron)

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SECTION 12: ECOLOGICAL INFORMATION (➤) (continued)

Chronic toxicity (Rimsulfuron):

Fish chronic NOEC (21 d): 125 mg/l (Rainbow trout)
Aquatic invertebrates chronic NOEC (21 d): 1 mg/l (*Daphnia magna*)
Algae chronic NOEC: NA

12.2 Persistence and degradability:

(Rimsulfuron):

- Soil: Non persistent in soil. Typical and Lab DT50: 24.3 d; Field DT50: 10.8 d.
- Water: Fast chemical degradation in water-sediment systems, DT50: 6d. Moderately fast chemical degradation in water phase only, DT50: 4d. Not readily biodegradable.

12.3 Bioaccumulative potential:

(Rimsulfuron):

Low bioaccumulation potential. Log Pow: 0.288 (pH 5, 25°C); -1.46 (pH 7, 25°C).

12.4 Mobility in soil:

(Rimsulfuron): Very high to high mobility in soil.

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
02 01 08*	agrochemical waste containing hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

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SECTION 14: TRANSPORT INFORMATION (>)



Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:

		14.1 UN number or ID number:	UN3077
		14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Rimsulfuron)
		14.3 Transport hazard class(es):	9
		Labels:	9
		14.4 Packing group:	III
		14.5 Environmental hazards:	Yes
		14.6 Special precautions for user	
		Special regulations:	274, 335, 375, 601
		Tunnel restriction code:	(-)
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 kg
		14.7 Maritime transport in bulk according to IMO instruments:	Non-applicable



Transport of dangerous goods by sea:

With regard to IMDG 39-18:

		14.1 UN number or ID number:	UN3077
		14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Rimsulfuron)
		14.3 Transport hazard class(es):	9
		Labels:	9
		14.4 Packing group:	III
		14.5 Marine pollutant:	Yes
		14.6 Special precautions for user	
		Special regulations:	335, 966, 274, 967, 969
		EmS Codes:	F-A, S-F
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 kg
		Segregation group:	Non-applicable
		14.7 Maritime transport in bulk according to IMO instruments:	Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2021:

		14.1 UN number or ID number:	UN3077
		14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Rimsulfuron)
		14.3 Transport hazard class(es):	9
		Labels:	9
		14.4 Packing group:	III
		14.5 Environmental hazards:	Yes
		14.6 Special precautions for user	
		Physico-Chemical properties:	see section 9
		14.7 Maritime transport in bulk according to IMO instruments:	Non-applicable

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SECTION 15: REGULATORY INFORMATION (>)

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable
Article 95, REGULATION (EU) No 528/2012: Non-applicable
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
E1	ENVIRONMENTAL HAZARDS	100	200

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

Other information:

Not described.

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION (>)

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (2020/878/EU).

Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Flam. Sol. 2: H228 - Flammable solid.
Skin Irrit. 2: H315 - Causes skin irritation.
STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Aquatic Acute 1: H400 - Based on test data
Aquatic Chronic 1: H410 - Based on test data
Eye Irrit. 2: H319 - Based on test data

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SECTION 16: OTHER INFORMATION (>)

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

Other information:

Content review: The sections / sub sections marked with (>) were changed with relevant information, from the previous version.

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -