

DUOCER SL

1.1. Product identifier

Name commercial : DUOCER SL
The code product : 37261DC

1.2. Relevant uses of the substance or mixture and uses advised

Use : Herbicide agriculture. Reserved use to farmers and professional applicators.

1.3. Data provider's safety data sheet

ID Company : PRODUCTOS AJF, SL
Ctra Moron-Sevilla Km 41.8
41530 Moron de la Frontera (Sevilla) SPAIN
Tel. 955 853 211
Fax. 955853213
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1.4. Emergency number

Number of phone : 955 853 211 (Hours: 8-14h 16-19h)
610780655 (24H)
915620420 (INT)

2.1. Classification of the substance or mixture

Class codes and hazard category, Regulation (EC) No. 1272/2008 (CLP)

Hazards Health : Acute toxicity, Inhalation - Category 4 - Warning (. Acute Tox 4) H332 serious eye injury - Category 1 - Danger (Eye Dam. 1) H318
Hazards to the ambient : Hazardous to the aquatic environment - Chronic hazard - Category 1 - Warning (Aquatic Chronic 1) H410

2.2. Label elements

Labeling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Word of warning : Danger
Indication the dangerous : H318: Causes serious eye damage. H332: Harmful if inhaled.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary

• Overview : P101: If medical advice is needed, keep a container or the label.

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2. Identification of hazards / ...

- **Prevention** : P261: Avoid breathing dust, smoke, gas, mist, vapor or spray. P280: Wear protective gloves, garments, goggles and protective mask.
P273: Avoid release to the environment.
- **Answer** : P304 + P340: IF INHALED: the person outside and keep at rest in a comfortable position for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. Continue rinsing.
P309 + P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor.
- **Considerations the elimination** : P391: Collect spillage.
P501: prepare it so that it meets the safety conditions required by local / national legislation.
- It contains** MCPA (amine salt) - 2,4-D (amine salt)

• Regulation (EC) No 1107/2009 of the European Parliament and of the Council on the marketing of plant protection products

- **Labelled special** : SP1 - Do not contaminate water with the product or its container. Avoid contamination through systems Drainage farms or roads.
To avoid risks to people and the environment, follow the instructions.
SpO2 - Wash all protective clothing after use. SPo4 - The container must be open to the open air and in dry weather.

2.3. Other dangers

Others dangers : Not established.

3. Composition / Information on Ingredients

Description chemistry : Mixture.
components dangerous The product is dangerous.

Name of componente	ContenidoN °	CASN °	ECN °	índiceREACH	Ref. Clasificación
MCPA (salt amine)	: > 30 <40%	2039-46-5	218-014-2	----	----
					Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhaled) _ H332 Acute Tox. 4 (oral) _ H302 Aquatic Acute 1 H400 H410 Aquatic Chronic 1 _
2,4-D (salt amine)	: > 30 <40%	2008-39-1	217-915-8	----	----
					Dam Eye 1 _ H318 Acute Tox. 4 (oral) _ H302 Skin Sens. 1 _ H317 Aquatic Chronic 2 _ H411

4. First Aid

4.1. Description of first aid

- Inhalation** : Remove person outside and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell. Make sure you breathe clean air. Rest.
- Contact with the skin** : Call a POISON CENTER or a doctor. Wash contaminated clothing before reuse. Consult a physician. Specific treatment (see on this label). If skin irritation or rash: Wash with plenty of soap and water.
-Take off clothes and wash all affected skin area exposed to the product

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4. First Aid / ...

- Contact with the eyes** : mild soap and water; then rinse with hot water.
: Rinse cautiously with water for several minutes. Remove lenses contact, if present and easy. Continue rinsing. Immediately call a POISON CENTER or doctor.
- Ingestion** : Call a POISON CENTER or doctor if is wrong. Rinse mouth. DO NOT induce vomiting. Get emergency medical care.

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

- Related symptoms the utilization** : Repeated exposure to this product may cause absorption through skin, resulting in serious health risk.
Risk of serious damage to health by prolonged exposure through inhalation. Swallowing a small amount of this material presents a serious health risk. It causes serious eye damage.
May produce an allergic reaction on the skin.

4.3. Indication of immediate medical attention and special treatment needed immediately

- information general** : Never give anything by mouth to an unconscious person. In case unwell, seek medical (if possible, show the label).

5. Fire-fighting measures

5.1. Extinguishing Media

- Extinguishing Media suitable** : Foam. Dry powder. Carbon dioxide. Nebulized water. Sand.
- Extinguishing Media inadequate** : Do not use waterjet. It is preferable to use chemical foam or powder for prevent runoff.
- fires neighbors** : Use water fog or mist to cool containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

- Hazardous Products the combustion** : In case of fire, harmful fumes will be health.

5.3. Advice for firefighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- procedures special** : Take the usual precautions for chemical fire. Prevent water (Reject) fire extinguishing affect the environment.

6. Measures Accidental release

6.1. Personal precautions, protective equipment and emergency procedures

- For staff emergency** -Equip cleaning staff with proper protection.
Ventilate the area.

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6. Measures Accidental release / ...

**For staff not part
Emergency services** : Evacuate unnecessary personnel.

6.2. Precautions for environmental protection

**Precautions of the
medium ambient** : Avoid release to the environment. Prevent entry into sewers and water pipes. If the product enters sewers or pipes public water, notify the authorities.

6.3. Methods and materials for containment and cleaning

Methods of cleaning : Store away from other materials. Collect spillage. Absorb spills with inert solids such as clay or diatomaceous earth as soon as possible. And place in an appropriate container for disposal.

6.4. Reference to other sections

See Section 8. Exposure controls / personal protection

7. Handling and Storage

7.1. Precautions for safe handling

Handling : Wash thoroughly after handling. Working clothes contaminated should not leave the workplace. Wash contaminated clothing before reuse. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke while using this product. Avoid breathing dust, smoke, gas, mist, vapor or spray. Manipulating following good industrial practices during storage and personal hygiene measures.

Protection measures techniques : Provide good ventilation of the processing zone to prevent vapor formation.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool place and well ventilated. Keep container closed when you are not using.

Storage - away from : Strong bases. Strong acids. Ignition sources. direct light of the sun.

7.3. Specific end uses

specific use end : See Section 1.

8. Exposure controls / personal protection

8.1. Control parameters

Exposure Limit labor : No data available.

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8. Exposure controls / personal protection / ...

8.2. Exposure Control



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- Protection personal** : Avoid unnecessary exposure.
- **Respiratory protection** : Use an approved mask.
 - **Protection hands** : Wear protective gloves.
 - **protection the skin** : Use Wear suitable protective clothing.
 - **Protection eyes** : Chemical goggles or safety glasses.
 - **other** : Do not eat, drink or smoke during use.

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9. Physical properties and chemical

9.1. Information on physical and chemical properties

Physical Fitness 20 ° C	: Liquid. Soluble concentrate.
Color	: Dark brown
Odor	: Characteristic.
Threshold olfactory	: No data available.
Value of pH	: 7.5-9.5
Melting point [° C]	: No data available.
Decomposition point [° C]	: No data available.
critical temperature [° C]	: No data available.
Autoignition temperature [° C]	: No data available.
Inflammability	: Non-flammable.
Flashpoint [° C]	: Non-flammable.
Initial Boiling Point [° C]	: Does not apply.
Final boiling point [° C]	: Does not apply.
Cup of evaporation	: No data available.
Vapor pressure [20 ° C]	: No data available.
density steam	: No data available.
Density [G / cm ³]	: 1180-1210
Relative density of the liquid (water = 1)	: 1180-1210
solubility Water	: Miscible in all proportions.
Log Pow octanol / water 20 ° C	: No data available.
Viscosity at 40 ° C [Mm ² / s]	: No data available.

9.2. Additional Information

properties explosive	: Not explosive by shock or percussion.
Explosion limits - Superior [%]	: Does not apply.
Explosion limits - Lower [%]	: Does not apply.
You propiedas Oxidizing	: No oxidizer.

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9. Physical and Chemical Properties / ...

Size of particle	: No data available.
suspensibility	: No data available. No data available.
Stability	: No data available. No data available.

10. Stability and reactivity

10.1. Reactivity

Reactivity : Not established.

10.2. Stability

Stability chemistry : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

reactions dangerous : Not established.

10.4. Conditions to avoid

conditions avoid : Direct light from the sun. Extremely high temperatures or extremely low.

10.5. Materials to Avoid

materials to avoid : With alkaline reaction products. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Products of decomposition dangerous : Smokes. Carbon monoxide. Carbon dioxide.

11. Toxicological information

11.1. Information on toxicological effects

Information about Toxicity	This product has not been tested. The hazard assessment has been made based on the properties of the individual components.
acute toxicity	
• Inhalation	No inhalation hazard.
• dermal	: Harmful in contact with skin. LD50, dermal rat> 2000 mg / Kg.
• Ingestion	Harmful if swallowed.
- LD50 oral rat [Mg / kg]	2500
corrosivity	: Causes serious eye damage.
Irritation	: In view of the available data, the classification criteria are met.
Sensitization	: May produce an allergic reaction on the skin.
mutagenicity	: In view of the available data, the classification criteria are met.
carcinogenesis	: In view of the available data, the classification criteria are met.

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11. Toxicological Information / ...

toxic to the reproduction : In view of the available data, the classification criteria are met. **Specific target toxicity** : In view of the available data, the classification criteria are met. **organ-exposure single Specific target toxicity** : In view of the available data, the classification criteria are met.
organ-repeated exposure
Danger of aspiration : In view of the available data, the classification criteria are met.

12. Ecological information

12.1. Toxicity

Information about Toxicity : Harmful to aquatic life with long lasting effects.
CL50 96 H - fish [mg / l] : > 357 mg / l (test NOEC)

12.2. Persistence - degradability

persistence - degradability : Readily biodegradable.

12.3. Bioaccumulation potential

potential bioaccumulation : It is low based on log Pow.

12.4. Mobility in soil

Mobility ground : Is absorbed rapidly in the soil.

12.5. Results of PBT and vPvB

Results of PBT Y vPvB : The substance / mixture does not meet the criteria to be identified as PBT or vPvB in accordance with Annex XIII of the REACH Regulation.

12.6. Other adverse effects

Precautions of the environment : Avoid release to the environment.

13. Disposal Considerations

13.1. Methods for treating waste

general : Dispose of this material and its container at waste collection point hazardous or special, in accordance with local, regional, national and / or international regulations. Avoid release to the environment. Removal or disposal according to local / national legislation.

Method of elimination : I do not incinerate, bury or leave the container, place it in the collection points appointed by SIGFITO (Integrated Management System Packaging Plant Protection Products).

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14. Information concerning transport

14.1. Land transport (ADR-RID)

information general : Not regulated.
information general : Not regulated.

14.2. Sea transport (IMDG) [Inglés only]

information general : Not regulated.

14.3. Air transport (ICAO-IATA) [Inglés only]

information general : Not regulated.

15. Regulatory information

15.1. Regulation and safety legislation, legislation specific for the substance or mixture

Regulation and legislation in Safety, health and environment : Ensure all national and local regulations are observed.
Restrictions REACH - Annex XVII The components of this product are not subject to restrictions.
REACH Authorizations - Annex XIV The components of this product are not subject to release.

15.2. Chemical Safety Assessment

Safety Assessment chemistry : Not carried out.

16. Other Information

Revision : Revision - See: *
abbreviations and we acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative
H referenced list of phrases (section 3) : H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H317: May cause an allergic skin reaction. H318:
Causes serious eye damage.
H332: Harmful if inhaled.
H400: Very toxic to aquatic organisms.
H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects.
Data source used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No 1907 / 2006
information additional None / a.

This safety data sheet has been developed in accordance with Annex II-Guide for the preparation of safety data sheet of Regulation (EC) No. 1907/2006 (Regulation (EU) No 453/2010, Regulation (EU) No 2015 / 830)



Safety data sheet Reg. (CE) n°830 / 2015

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16. Other news

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