

Safety Data Sheet

According to regulation (EG) Nr. 1907/2006

trade name: AGROSOL liquid

date of issue: 29.08.2018

1.	SECTION 1: Identification of the substance / mixture and of the company / undertaking	
1.1.	Product identifier	AGROSOL liquid
1.2.	Relevant identified uses of the substance or mixture	Liquid fertilizer suspension for agriculture.
1.3.	Uses advised against	Other uses not specified.
1.4.	Details of the supplier providing the safety data sheet	AGROsolution GmbH & Co KG Prinz-Eugen-Straße 23,4020 Linz, Österreich Tel: +43/732/774366-14 Fax: +43/732/774366-4 E-mail: office@agrosolution.eu Homepage: www.agrosolution.eu
1.5.	emergency number	The Poison Information Center (GIZ) of the countries Rheinland-Pfalz and Hessen at the University Medical Center in Mainz, poison consultation, poison emergency call: 06131-19240 Poison Information Center in the Vienna AKH, the number is 0043 (0) 140643 43.

2.	SECTION 2: Potential hazards	
2.1.	Classification of the substance or mixture	According to Regulation (EC) No 1272/2008: not rated
2.2.	Label elements	Labeling according to Regulation (EC) No 1272/2008: not applicable
2.2.1.	signal word	deleted
2.2.3.	Hazard-determining components for labeling	no
2.2.4.	Statements	no
2.2.5.	safety instructions	P102 Keep out of the reach of children P101 requires medical advice, packaging or label P103 Read label before use P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves / protective clothing / eye protection P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove any existing contact lenses if possible. Continue rinsing.
2.3.	Other dangers	no

3.	SECTION 3: Composition / information on ingredients	
3.1.	It is the product is a mixture. Composition: rock flour, protein hydrolyzate, dispersing agent.	

4.	SECTION 4: First aid measures	
4.1.	Description of first aid measures	<p>After skin contact: Rinse skin with plenty of water. Wash with soap and water. If symptoms occur, consult a doctor.</p> <p>After eye contact: Immediately rinse eyes with plenty of water or eye wash while opening eyelids until all traces of the mixture have been removed. Remove contact lenses from eyes after a few minutes and rinse again. If symptoms occur, consult a doctor.</p> <p>After swallowing: Rinse mouth and add water several times. If symptoms occur, get medical advice.</p>
4.2.	Most important symptoms and effects, both acute and delayed	Slight irritation and redness of the skin and eyes possible. However, consultation may be required in case of ingestion and eye contact.

5.	SECTION 5: Firefighting measures	
5.1.	extinguishing Media	<p>Suitable extinguishing media: foam, water, CO₂, extinguishing powder.</p> <p>Special hazards arising from the substance or mixture: None, the product is not flammable.</p>
5.2.	Advice for firefighters:	Match fire extinguishing measures to the environment.

6.	SECTION 6: Accidental release measures	
6.1.	Personal precautions, protective equipment and emergency procedures	<p>Wear personal protective clothing.</p> <p>Avoid contact with the spilled product or contaminated surfaces.</p>
6.2.	Environmental precautions	Do not empty into drains / surface waters / groundwater.
6.3.	Methods and material for containment and cleaning	<p>Absorb with liquid-binding material (sand, kieselguhr, acid binder, universal binder, sawdust). Dispose in suitable containers for disposal. Clean the area with plenty of water. Then pick up the wash water with a liquid-binding material and dispose of in suitable containers.</p> <p>Dispose contaminated material as waste according to section 13.</p>
6.4.	Reference to other sections	<p>For information on safe handling see section 7.</p> <p>For personal protection see section 8.</p>

7.	SECTION 7: Handling and storage	
7.1.	Precautions for safe handling	<p>Keep unprotected people and children away.</p> <p>Avoid contact with the eyes and the skin.</p> <p>Wash hands before breaks and at the end of work.</p>
7.2.	Conditions for safe storage, including any incompatibilities	<p>Requirements for storerooms and containers: Keep only in the original container.</p> <p>Store containers tightly closed in a dry, cool and well-ventilated place.</p> <p>Advice on common storage: Separated from food,</p>

		Store food and feed. Further information on storage conditions: Protect from heat and direct sunlight. Keep out of reach of children. Recommended storage temperature: Store between 5 ° C and 30 ° C. Store frost-free!
7.3.	Specific end uses	Fertilizer (liquid fertilizer suspension). Only use in accordance with the instructions for use.

8.	SECTION 8: Exposure controls / personal protection	
8.1.	Parameters to be monitored	Components with workplace-related limit values to be monitored: The product does not contain any relevant quantities of substances with workplace-related limit values to be monitored. Additional information: The lists that were valid at the time of creation served as a basis.
8.2.	Limitation and monitoring of exposure	Personal protective equipment: General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. When using the product, the information on personal protective equipment in the instructions for use apply. Hand protection: Protective gloves. The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material considering the breakthrough times, permeation rates and the degradation. Glove material: Recommended gloves: nitrile, butyl. Check resistance of gloves and condition before use. Eye protection: Tightly sealed goggles

9.	SECTION 9: Physical and Chemical Properties	
9.1.	Information on the basic physical and chemical properties General Information	Form: Fine aqueous suspension (particle size 0.1-4 µm) Color: beige-gray Odor: weak odor. pH (10 g / l): 8.3 at 20 ° C Change of state: Melting point / range: Not determined. At 900 ° C decomposition of CaCO ₃ in CaO and CO ₂) Boiling point / Boiling range: Not determined Flash point: Not applicable Self-igniting: Not applicable Explosion hazard: Not applicable (none) Oxidizing properties: Not oxidizing. Vapor pressure at 20 ° C: Not applicable Density (ISO 787/10) at 20 ° C: aprox 1.4 g / ml Solubility in / Miscibility with water: Forms fine suspension with water.
9.2.	Other Information	No further relevant information available

10.	SECTION 10: Stability and Reactivity	
10.1.	Reactivity	Stable under normal conditions.

10.2.	Chemical stability	Thermal decomposition / conditions to be avoided: No decomposition below 900 ° C. (When properly stored and handled.)
10.3.	Possibility of dangerous reactions	No decomposition if stored and handled as directed.
10.4.	Conditions to avoid	Oxidizing agents, acids
10.5.	Incompatible materials	No further relevant information available
10.6.	Hazardous decomposition products	No hazardous decomposition products when stored and used as intended.

11.	SECTION 11: Toxicological information	
11.1.	Information on toxicological effects	Information refers to the active ingredient components of the product as delivered. Classification-relevant hazards: none

12.	SECTION 12: Ecological information	
12.1.	toxicity	Aquatic toxicity: Not determined, see item 11.1. There is no information on the toxic effect for the active ingredient components.
12.2.	Persistence and degradability	Not relevant
12.3.	Bioaccumulative	Not relevant
12.4.	Mobility in the ground	Ecotoxic effects: No further relevant information available. Further ecological information: General information: Do not allow product to reach groundwater, water course or sewage system, even in small quantities.
12.5.	Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
12.6.	Other adverse effects	No further relevant information available.

13.	SECTION 13: Disposal considerations	
13.1.	Waste treatment method	Dispose of in accordance with local regulations. Similar waste from agriculture, horticulture, fish farming, forestry, hunting and fishing.

14.	SECTION 14: Transport information	
14.1.	UN number	Not classified as dangerous goods
14.2.	UN proper shipping name	Not classified as dangerous goods
14.3.	Transport hazard class	Not classified as dangerous goods
14.4.	Packing group ADR, IMDG	Not classified as dangerous goods
14.5.	environmental hazards	Not classified as dangerous goods The product contains no environmentally hazardous substances.
14.6.	Special precautions for the user	Not dangerous goods in terms of transport regulations. Transport in original packaging

14.7.	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable to the product as delivered.
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15.	SECTION 15: Austrian and EU regulations	
15.1.	Safety, health and environmental regulations / specific Legislation for the substance or mixture	National regulations: Classification according to VbF: not applicable Technical instructions Air: not applicable Water hazard class: It must be ruled out that fertilizers reach water bodies. They must therefore be stored according to the safety requirements. Other regulations, restrictions and prohibition regulations: Avoid any unnecessary contact with the product. Abuse can lead to health problems.
15.2.	Chemical Safety Assessment	A chemical safety assessment was not carried out.

16.	SECTION 16: Other information	
The information is based on the current state of our knowledge, but they do not constitute an assurance of product properties and do not establish a contractual relationship. This safety data sheet complements the technical regulations for handling without replacing them. This version replaces all previous versions.		