

SAFETY DATA SHEET**SECTION 1. IDENTIFICATION OF SUBSTANCE OR MIXTURE AND MANUFACTURER****1.1 Product identification**

Commercial name product: Mix COMPLEX

1.2 Relevant uses of the substance or mixture and advised uses

Fertilizers

1.3 MSDS provider data

Company: Adler Agro S.L.U.

Address: C/ Mitgera nº 4

Polígono Industrial del Mediterráneo

46550 Albuixech (Valencia)

Phone number: + 34 96 140 22 69

E-mail: adler@adleragro.com

1.4 Emergency phone

Emergency phone: + 34 96 140 22 69 (From 8:00 to 15:00 Monday to Friday)

SECTION 2. HAZARDS IDENTIFICATION**2.1 Substance or mixture classification**

The product is not classified as hazardous according to the European Regulation (CE) No. 1272/2008

2.2 Label elements

Labelling according to European Regulation (CE) No. 1272/2008.

Precautionary statements:

P410+P403 Protect from sunlight. Store in a well-ventilated place.

P412 Do not expose to temperatures above 50°C.

P102 Keep away from children's reach.

P270 DO not eat, drink or smoke during its use.

P302 + P352 IN CASE OF SKIN CONTACT: wash with abundant water.

P305 + P351 + P338 IN CASE OF EYE CONTACT: rinse thoroughly with water.

2.3 Other dangers

Unknown special dangers.

SECTION 3. COMPOSITION/ INFORMATION ABOUT COMPONENTS**3.2 Mixtures****Chemical nature**

The only component considered hazardous is the following:

Boric acid.

Nº CAS name 10043-35-3

Nº EINECS 233-139-2

Content (% p/p) ≤ 5.5

Classification SDS(1) T Repro Cat. 2; R60/61 (Can affect fertility, possible risk of affecting the foetus during pregnancy)

Classification CLP(1) T Repro 1 B; H360 (Can affect fertility or harm foetus)

SECTION 4. FIRST AID MEASURES**4.1 First aid description****Inhalation.**

Keep the patient still and preserve its body temperature. Bring the affected person out to open air, away from the contaminated area. Get medical attention. Symptomatic treatment and support when required.

Skin contact.

Take off contaminated clothes and wash immediately with soap and abundant water. Look for medical assistance if irritation persists.

Eye contact.

Wash immediately with abundant water for at least 15 minutes, also under the eyelids, until irritation decreases. Look for specialized medical assistance immediately.

Ingestion.

Wash mouth with abundant water. Take advice from a doctor and if possible show them the label of the product. Do NOT induce vomit. In case of vomit keep the persons' head under their hips for avoiding the aspiration.

Medical advice

It is recommended a symptomatic and suitable treatment according to the patients' condition.

SECTION 5. FIRE FIGHTING MEASURES**5.1 Extinguishing media**

Appropriate extinguishing media: foam resistant to alcohol, CO₂, chemical dry powder and sprayed water.
Non-appropriate extinguishing media: a blast of direct water.

5.2 Specific dangers derived from the mixture

In case of combustion or thermal degradation, sulphur, nitrogen and carbon oxides can be generated.
Fire leftovers and the contaminated water used in the extinguishing must be removed according to the local regulation.

5.3 Advice for fire fighters

Special fire-fighting equipment: In case of fire, use self-contained breathing apparatus and personal protection equipment.

SECTION 6. MEASURES TAKEN WHEN ACCIDENTAL POURING**6.1 Personal precautions, equipment for protection and emergency procedures**

Isolate and delimitate the affected area.
Remove ignition foci.
Use individual breathing and protection equipment.
Avoid contact with skin and eyes.
Evacuate personnel to a secure area.
Ensure an adequate ventilation.

6.2 Environment precautions

Prevent from being poured in water flows, sewers and drains.

6.3 Methods and restraining and cleaning materials

Take up the product with inert absorbent material (for example soil, sand, diatomaceous soils or any other non-combustible absorbent).
Keep in suitable, closed containers for removal.
Do not mix with other disposal materials.
In case of spills or uncontrolled discharges in water flows, inform immediately the local authorities.

6.4 Reference to other sections

Indications referred to secure manipulation, see section 7.
Indications referred to individual protection equipment, see section 8.
Indications referred to removal of residues, see section 13.

SECTION 7. HANDLING AND STORAGE**7.1 Precautions for a safe handling**

Use personal protection equipment to avoid skin, eye and clothes contact.
Ensure a correct ventilation.
Do not eat, drink or smoke during its use.
Wash hands with neutral soap after handling the product and before eating, drinking, smoking or using the toilet.
Take off clothing immediately if product reaches into it. Wash skin carefully with nonabrasive soap and put on clean clothes.
For personal protection, see section 8

7.2 Secure storage conditions, including possible incompatibilities.

Do not store near or with any of the incompatible materials named in Section 10.

Do not store close to flames, heat sources.
Keep containers closed correctly and stored in a fresh, dry place and well ventilated, protected from the sun.
Keep away from unauthorized people, children and animals.
Keep away from food, drinks, feed and water flows.

7.3 Specific final uses.

Agriculture: Fertilizer.

SECTION 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

8.1 Control parameters

Exposure limits: no data available for this product.

8.2. Exposure controls

8.2.1. Appropriate technical controls

See also section 7.

Ensure a correct ventilation.

Use only in areas provided with appropriate ventilation.

8.2.2. Individual protection measures

Respiratory protection: Use breathing mask with appropriate filter.

Hand protection: Use protective gloves.

Eye protection: Use goggles with lateral protection (EN 166 goggles) or facial protection screen.

Skin and body protection: Recommended to use working clothes, apron and boots.

Hygiene measures: Handle the product according to good hygiene and industrial security practices.

Eyewash with distilled water must be available. Take off and wash contaminated clothes before using them again.

Wash hands before breaks and immediately after using the product.

8.2.3. Environmental exposure controls

Do not spill the product in water flows or sanitary drainage systems.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic information

Appearance: Liquid

Colour: Dark brown- black

Odour: Characteristic

pH: 5

Flammability: Not flammable.

Relative density: 1.22 g/cm³

Water solubility: Completely soluble.

9.2 Other information

There are no more known physical-chemical data relevant for security.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable in normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of dangerous reactions

Unknown.

10.4 Conditions that must be avoided

Avoid high temperatures and exposure to direct sun.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

In normal storage conditions, there are no specified products.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information about toxicological effects

No data available about product testing.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity.

No data available.

12.2 Persistence and degradability.

No data available.

12.3 Bioaccumulative potential.

No data available.

12.4 Mobility in soil.

No data available.

12.5 PBT and vPvB evaluation results.

No data available.

12.6 Other adverse effects.

No data available.

SECTION 13. CONSIDERATIONS RELATED TO DISPOSAL

13.1 Methods for residue treatment

Product and/or residue disposal through a waste authorized entity.

Do not burn the containers, even after use. Remove used containers according to local legislation. Empty containers must be transported/delivered by a registered transport team up to the disposal places.

SECTION 14. INFORMATION RELATED TO TRANSPORT

Not classified as dangerous goods according to ADR/RID/IMDG/ICAO/IATA.

In case of accident or leak act as said in section 6 in this MSDS.

SECTION 15. REGULATORY INFORMATION

15.1 Specific regulation and legislation on safety, health and environment for this mixture

The product is not affected by Regulation (EC) No. 1005/2009 of the European Parliament and of the Council, of September 16, 2009, on substances that deplete the ozone layer.

The product is not affected by Directive 2012/18 / EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 regarding the marketing and use of biocides.

The product is not affected by the procedure established in Regulation (EU) No 649/2012, relative to the export and import of dangerous chemical products.

The product is affected by Regulation (EC) No. 2003/2003 of the European Parliament and of the Council regarding fertilizers.

15.2 Chemical security evaluation

Not available.

SECTION 16. OTHER INFORMATION

First version.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: International Rule for Transport of Dangerous Substances by Railway.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

The information provided in this Safety Data sheet has been drawn up in accordance with COMMISSION REGULATION (EU) 2015/830 of May 28, 2015, which modifies Regulation (EC) No. 1907/2006 of the European Parliament and of the Council, regarding the registration, evaluation, authorization and restriction of chemical substances and mixtures (REACH), which creates the European Chemicals Agency, amends Directive 1999/45 / EC and Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769 / EEC and Directives 91/155 / EEC, 93/67 / are repealed EEC, 93/105 / EC and 2000/21 / EC of the Commission.

The information on this MSDS is based in actual knowledge and in national and CE laws, knowing that working user conditions are beyond our knowledge and control. The product must not be used for those purposes not specified, without having before written instructions about their handling. It is always the users' responsibility to take the appropriate measures in order to comply with the requirements established in the laws.