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1. SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Commercial name: **Tradecorp AZ II**

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

Agriculture: Fertilizer

1.3. Details of the supplier of the supplier of the safety data sheet

TRADE CORPORATION INTERNATIONAL, S.A.U.
C/ Alcalá, 498 – 2nd floor
28027 – Madrid (Spain)
Telephone: +34 91 327 32 00 Fax: +34 91 304 71 72
E-mail: pgallego@tradecorp.sapec.pt

1.4. Emergency telephone number

National Institute of Toxicology: +34 91 562 04 20
TRADECORP, S.A.U. emergency telephone: +34 91 327 32 00

2. SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification:

Not hazardous.

2.2. Label elements

Hazard pictogram(s): Not applicable

Signal word(s): Not applicable

Hazard statement(s): Not applicable

Precautionary statement(s): Not applicable

2.3. Other hazards

Not applicable.





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3. SECTION 3: Composition/information on ingredients

3.1. Identification of the mixture

Name	CAS No.	EINECS No.
Boric acid	10043-35-3	233-139-2

4. SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Keep patient at rest and maintain body temperature. Remove the victim to a ventilated area. Get medical attention. Give symptomatic and supportive treatment, if required.

Skin contact:

After contact with skin, remove contaminated clothing and wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

Eye contact:

Immediately wash affected eyes for at least 15 minutes, taking care to rinse under eyelids. Consult an eye specialist.

Ingestion:

Rinse mouth with plenty of water. Get medical attention and show the label or packaging. Do not induce vomiting. If vomiting occurs, keep victim's head below hips to prevent aspiration.

Advice to physician:

All treatments should be based on observed signs and symptoms.

5. SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: chemical powder, CO₂, water spray or alcohol resistant foam.

Unsuitable extinguishing media: Direct water spurt (water jet).

5.2. Special hazards arising from the substance or mixture

In case of combustion or thermal degradation, nitrogen oxide, carbon monoxide and carbon dioxide can be generated.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.





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5.3. Advice for fire-fighters

Water spray can be used for cooling the unaffected stock, but prevent the product from contact with water.
Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus and personal protective clothing.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Isolate and delimit the affected area.
Eliminate all sources of ignition.
Use personal protective equipment and respiratory protection.
Avoid contact with skin and eyes.
Evacuate personnel to safe areas.
Ensure adequate ventilation.

6.2. Environmental precautions

Prevent the product reaches the sewer.
Prevent soil contamination.

6.3. Methods and material for containment and cleaning up

Sweep up spilled avoiding dust formation. Try to reuse most of the collected product.
For the product impossible to sweep up, apply water and collect with inert absorbent material (eg soil, sand, diatomaceous earth or any non flammable absorbent).
Store unusable material collected in appropriate containers for disposal. Label these containers and managed in accordance with local regulations.
Do not mix with other waste materials.
If there are spills or uncontrolled discharges on surface waters (or water for public use), immediately inform the local authorities.

6.4. Reference to other sections

See Sections 8 and 13.

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

See also Section 8.
Use personal protective equipment (PPE). Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation.
Avoid dust formation. Avoid breathing dust.
Do not handle the product near a source of ignition or near open flame.
Do not smoke, drink or eat while handling the product.
Wash hands with soap after handling and before eating, drinking, smoking or using the toilet.





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Remove clothing immediately if the product contacts the skin and wash skin thoroughly with mild soap.

7.2. Conditions for safe storage, including any incompatibilities

Do not store near or with any of the incompatible materials listed in Section 10.
Keep containers tightly closed in a dry, cool and well ventilated area. Avoid extreme temperatures.
Keep in original packing.
Keep out of reach of unauthorized persons, children and animals.
Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Agriculture: Fertilizer.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s): no data available for this product.

8.2. Exposure controls

8.2.1. Proper technical controls

See also Section 7.
Ensure adequate ventilation.
Use only in an area provided with appropriate ventilation.

8.2.2. Individual protective measures

Respiratory protection: Use respirator with appropriate filter.
Hand protection: Wear protective gloves.
Eye Protection: Use safety glasses with side shields (EN 166) or face shield.
Skin and body protection: Apron and protective boots are recommended.
Hygiene measures: Handle product in accordance with good industrial hygiene and safety. Have eye wash bottle with distilled water. Remove and wash contaminated clothing before reuse. Wash hands before breaks and immediately after handling.

8.2.3. Environmental exposure controls

Prevent entry into waterways, sewers, basements or confined areas.





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9. SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Microgranule
Colour:	Green
Odour:	Odourless
pH (1%):	3.2
Melting point/freezing point:	No data available
Boiling point:	No data available
Evaporation rate:	No data available
Flash point:	Not applicable
Decomposition temperature:	No data available
Auto-ignition temperature:	Not applicable
Flammability:	Not applicable
Explosive properties:	Not applicable
Oxidizing properties:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Viscosity:	No data available
Density:	0.4 g/cm ³
Solubility in water:	90 g/L at 25 °C
Partition coefficient n-octanol/water (log Pow):	No data available

10. SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions.

10.2. Chemical stability

The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.





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10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Avoid extreme temperatures.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

In case of combustion or thermal degradation, nitrogen oxide, carbon monoxide and carbon dioxide can be generated.

11. SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Chronic toxicity: No data available.

Genotoxicity: The microelements present in the product chelated by EDTA and its sodium salts are not mutagenic for humans.

12. SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity: No data available

Sediment toxicity: No data available

Terrestrial toxicity: No data available

12.2. Persistence and degradability

No data available.





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12.3. Bioaccumulative potential

The bioaccumulation of some of the components, such as EDTA and its metal complexes, is low.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

Remove the product and / or waste through an approved institution of waste.
Do not burn containers, even after use. Disable contaminated packaging used and disposed of according to local regulations. Empty containers should be transported / delivered using a registered transport equipment to the sites for disposal.

14. SECTION 14: Transport information

ADR/RID:

Not classified as hazardous for transport within the transport regulations.

IMDG:

Not classified as hazardous for transport within the transport regulations.

ICAO/IATA:

Not classified as hazardous for transport within the transport regulations.





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15. SECTION 15: Regulatory information

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

Regulations:

- Directive 67/548/EEC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.
- Directive 1999/45/EC concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.
- European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
- Commission Regulation (EU) No. 453/2010, amending Regulation (EC) No. 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

Not available.

16. SECTION 16: Other information

Revision of this safety data sheet:

Revision number: 1.0

Added, deleted or revised information: First version.

Legend to abbreviations:

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

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

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

Key literature references and sources for data:

- ESIS: European Chemical Substances Information System.
- The Pesticide Properties Database (FOOTPRINT 2007). Database developed by the University of Hertfordshire, as part of the EU-funded FOOTPRINT project (FP6-SSP-022704). <http://www.eu-footprint.org/ppdb.html>
- Institute for Health and Consumer Protection (European Commission): <http://ecb.jrc.ec.europa.eu/>





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List of relevant R/S phrases, hazard statements, safety phrases and/or precautionary statements:

S-phrases:

- S2:** Keep out of the reach of children.
- S13:** Keep away from food, drink and animal feeding stuffs.

The content and format of this safety data sheet complies with the directives of the Commission on the CEE1999/45/CE, 67/548/EC, and regulation of the Commission of the EEC 1907/2006/EC (REACH), and subsequent amendments.

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