

SAFETY DATA SHEET

COMPANY:

TRADE CORPORATION INTERNATIONAL S. A. UNIPERSONAL



DIVISION: FERTILIZERS

PRODUCT NAME: BORAMIN Ca

1.- IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1 Identification of the substance BORAMIN Ca. Solution of calcium and boron with amino acids
- 1.2 Use Fertilizer
- 1.3 COMPANY:
- 1.3.1. Name: TRADE CORPORATION INTERNATIONAL, S. A. Unipersonal
- 1.3.2. Address: C/ Alcala 498, 2º
28027- Madrid - SPAIN
- 1.3.3. Telephone: +34 91 3273200
- 1.4 Emergency telephone:
- 1.4.1. Company: +34 91 327 32 00
- 1.4.2. National Institute de Toxicology: **+34 91-562 04 20**

2.- COMPOSITION / INFORMATION OF THE COMPONENTS

2.1 General composition: 8.0% calcium (CaO); 0.2%boron (B), 5% free aminoacids (aa)

3.- HAZARDS IDENTIFICATION

Not hazardous for the human health if the product is handled with hygienic and safety practice taking cautions to avoid contact and inhalation

4.- FIRST AID MEASURES

- 4.1 Skin contact: Wash off the affected area with water
- 4.2 Eye contact: Wash off immediately with water with water for 15 minutes. If irritation remain obtain medical attention.
- 4.3 Inhalation: Move to the fresh air in case of accidental inhalation.
- 4.4 Ingestion: If conscious without convulsions, rinse out the mouth with water. Do not induce vomiting . Obtain medical attention

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5.- FIRE-FIGHTING MEASURES: Not applicable

- | | | |
|-----|--|---|
| 5.1 | Extinguishing media: | CO2, foam, chemical powder, pulverized water |
| 5.2 | Extinguishing media which must not be used for safety reasons: | Direct water spurt |
| 5.3 | Special exposure hazards: | On heating/burning: release of toxic and corrosive gases/vapours nitrous vapours. |
| 5.4 | Special protective equipment for firefighters: | Adequate protection equipment with autonomous respiration system |

6.- ACCIDENTAL RELEASE MEASURES

- | | | |
|-----|----------------------------|--|
| 6.1 | Personal precautions: | Handle the product according to safe and hygienic practices. Avoid contact with skin and eyes. Use safety gloves and goggles. |
| 6.2 | Environmental precautions: | Do not pour on water ways and sewer system |
| 6.3 | Methods for cleaning up: | Avoid spreading by using absorbent material (e.g. clay, earth). Recover residues. Clean surface with water and soap. Recuperate washing water, contaminated absorbents and place in waste authorized containers. |

7.- HANDLING AND STORAGE

- | | | |
|-----|-----------------------|---|
| 7.1 | Handling precautions: | Handle the product according to safe and hygienic practices. Avoid contact with the product |
| 7.2 | Storage conditions: | Avoid extreme temperatures. Keep in original packing. |
- Additional information:
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8.- EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Engineering measures:	Use protective cloth
8.2	Control of exposition limit:	
8.3	Respiratory protection:	Use breathing mask and keep adequate ventilation when spraying
8.4	Hand protection:	Use rubber gloves
8.5	Eye protection:	Safety glasses
8.6	Skin protection:	Use suitable clothing

9.- PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range	Not applicable	Aspect	Liquid
Boiling point	Not available	Color	Brown
Oxidizing properties	Not available	Density	1.29-1.31 g/cc approx
Flammability	Not applicable	Flash point	Not applicable
Solubility	Total	Ignition	Not applicable
Vapor pressure	Not available	pH	3-3.5
Partition Coefficient	Not available	Viscosity	Not available
Explosion properties	Not applicable	Other data	

10.- STABILITY AND REACTIVITY

10.1	Stability:	Stable at ambient temperature and normal handling conditions.
10.2	Conditions to avoid:	Extreme temperatures
10.3	Materials to avoid:	
10.4	Hazardous decomposition products:	In case of combustion or thermal degradation nitrogen oxide and ammonium can be produced

11.- TOXICOLOGICAL INFORMATION

11.1	LD ₅₀ (oral) in rats:	Not available
11.2	Skin irritation, test in rabbits :	Not available

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11.3 Eyes irritation, test in rabbits Not available

11.4 Skin sensibility (test in rabbits): Not available

12.- ECOLOGICAL INFORMATION

12.1 LD₅₀ fish: Not available

12.2 EC₅₀ daphnia: Not available

12.3 IC₅₀ bacteria: Not available

12.4 Biodegradability: Biodegradable product

Additional information:

13.- DISPOSAL CONSIDERATIONS

Do not pour in water sewer system or water currents. Destroy the product in authorized deposits of residues.

Used packages have the same treatment than the product, regarding to elimination.

14.- TRANSPORT INFORMATION

- road-ADR/rail: no restricted
- Sea (IMO/IMDG): no restricted

15.- REGULATORY INFORMATION

CLASSIFICATION:	LABEL:
Not available (in study)	None
Risk phrases:	None
Safety phrases:	None

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Register number: 04861/07

Calcium complexed with amino acids and Boron

16.- OTHER INFORMATION

16.1 Recommended use: Agricultural use

16.2 Bibliography sources:

- Dir. 67/548/CEE (Dangerous substances)
 - Dir. 1999/45/CE (Dangerous preparations)
 - Dir. 91/689/CEE (Dangerous residues)
 - Royal decree 55/2003 (Dangerous preparations)
 - Royal decree 363/1995 (Dangerous substances)
- Royal decree 74/92 (Road transport)

16.3 FDS revision nº: 4

16.4 Date of last revision: February 2, 2005

The information included in these pages, is based on our knowledge of the product at the time of the edition. User is the responsible to take convenient safety precautions to the storage and handling, and use it according to the label indications. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.