

SAFETY DATA SHEET

COMPANY:

TRADE CORPORATION INTERNATIONAL S. A. UNIPERSONAL



DIVISION: FERTILIZERS

PRODUCT NAME: FAINAL K

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

- 1.1 Identification of the substance FAINAL K. Solution of nitrogen, potassium and EDTA
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: 3.3% nitrogen (N); 31% potassium (K₂O); 1% etilendiaminetetraacetic acid (EDTA)

2.2 Hazardous components

<u>Chemical name</u>	<u>Concentration</u>	<u>Nº CAS</u>	<u>Nº EINECS</u>	<u>Classification</u>	<u>Phrases R/S</u>
Potassium carbonate	>20%	584-08-7	209-529-3	Irritant	R 36/37 S 26, ,37/39 /38

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. The product has been tested according OECD Guideline for Testing of Chemicals n.º 404 and Directive CCE 2004/73/CE Annex 2D Method B.4. and has been considered **NO IRRITANT** according Directive 2001/59/CE.

4.- FIRST AID MEASURES

- 4.1 Skin contact: Wash off the affected area with water and soap. Remove clothing if contaminated and wash before use
4.2 Eye contact: Flush eyes with running water for at least 15 minutes to remain dust. If irritation remain obtain medical attention.
4.3 Inhalation: Move to the fresh air in case of accidental inhalation. Blow nose. See a doctor

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4.4 Ingestion: If conscious without convulsions, rinse out the mouth with water and drink water or milk. Induce vomiting . Obtain medical attention

5.- FIRE-FIGHTING MEASURES: Not applicable

5.1 Extinguishing media: CO₂, foam, water spray, chemical powder

5.2 Extinguishing media which must not be used for safety reasons: Direct water spurt

5.3 Special exposure hazards:

5.4 Special protective equipment for firefighters: Adequate protection equipment with autonomous respiration system

6.- ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: .Avoid contact with skin and eyes. Use safety gloves and goggles. Do not act without protective clothes

6.2 Environmental precautions: Avoid get in contact with any body of water

6.3 Methods for cleaning up: Dilute with large amounts of water.
Absorb with sand
Final neutralization with high diluted acid

7.- HANDLING AND STORAGE

7.1 Handling precautions: Handle the product according to safe and hygienic practices. Avoid contact with the product by using security glasses, rubber gloves and rubber footwear

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 safety cloth, rubber footwear.

9.- PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range	Not applicable	Aspect	Liquid
Boiling point	Not available	Color	Transparent
Oxidizing properties	Not available	Density	1.48-1.50 g/cc approx
Flammability	Not applicable	Flash point	Not applicable
Solubility	Total	Ignition	Not applicable
Vapor pressure	Not available	PH (1% solution)	12.5-13.5
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: May react with hypo chlorite.
- 10.4 Hazardous decomposition products: It descomposes easily with acids to CO₂

11.- TOXICOLOGICAL INFORMATION

- 11.1 LD₅₀ (oral) in rats: 1870 mg/kg
- 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

Dispose in according with local regulations

14.- TRANSPORT INFORMATION

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

15.- REGULATORY INFORMATION

CLASSIFICATION:

None

LABEL:

None

Risk phrases:

None

Safety phrases:

None

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Register number: EC Fertilizer

NK Fertilizer solution

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: 3

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.