


## MATERIAL SAFETY DATA SHEET

COMPANY:  TRADE CORPORATION INTERNATIONAL S. A. UNIPERSONAL  DIVISION: FERTILIZERS	
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PRODUCT NAME: FAINAL K
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### 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 UN Number: None Allocated  
 D.G. Class:  
 Subsidiary Risk:  
 Hazchem Code: None Allocated  
 Packaging Group:  
 Poisons Schedule: 5

1.3 MANUFACTURING COMPANY:

1.3.1. Name: TRADE CORPORATION INTERNATIONAL, S. A. Unipersonal  
 1.3.2. Address: Alcalá 498, 2ª planta  
 28027 Madrid  
 Spain  
 1.3.3. Telephone: +34 91 3273200

1.4 DISTRIBUTING COMPANY

1.3.1 Name: AGSPEC AUSTRALIA PTY LTD  
 1.3.2 Address: LOT 1, WANDILO ROAD, WANDILO VIA MT GAMBIER,  
 SA, 5291  
 1.3.3 Telephone: 0427 490 551

1.5 Emergency telephone:

1.5.1. Company: Agspec Australia Pty Ltd  
 0427 490 551  
 1.5.2. Poisons Information Centre: **13 11 26**

### 2.- COMPOSITION / INFORMATION OF THE COMPONENTS

2.1 General composition: 4.5% w/v nitrogen (N); 38.5% w/v potassium (K); 1.5% w/v EDTA


2.2 Hazardous components

<u>Chemical name</u>	<u>Concentration</u>	<u>N° CAS</u>	<u>N° 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 human health if the product is handled with hygienic and safe practice, taking caution to avoid contact and inhalation. The product has been tested according to OECD Guidelines for Testing of Chemicals n.º 404 and Directive CCE 2004/73/CE Annex 2D Method B.4. and has been considered a **NON IRRITANT** according Directive 2001/59/CE.

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**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 remains obtain medical attention.
- 4.3 Inhalation: Move to the fresh air in case of accidental inhalation. Blow nose. See a doctor.
- 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: CO<sub>2</sub>, 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 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

**SAFETY DATA SHEET**

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**7.- HANDLING AND STORAGE**

- 7.1 Handling precautions: Handle the product according to safe and hygienic practices. Avoid contact with the product by using safety glasses, rubber gloves and rubber footwear
  - 7.2 Storage conditions: Avoid extreme temperatures. Keep in original packing.
- Additional information:

**8.- EXPOSURE CONTROLS / PERSONAL PROTECTION**

- 8.1 Engineering measures: Use protective clothing
- 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

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10.3	Materials to avoid:	May react with sodium hypochlorite or chlorine.
10.4	Hazardous decomposition products:	It decomposes easily with acids to CO <sub>2</sub> .

**11.- TOXICOLOGICAL INFORMATION**

11.1	LD <sub>50</sub> (oral) in rats:	1870 mg/kg
11.2	Skin irritation, test in rabbits :	Not available
11.3	Eyes irritation, test in rabbits	Not available
11.4	Skin sensibility (test in rabbits):	Not available

**12.- ECOLOGICAL INFORMATION**

12.1	LD <sub>50</sub> fish:	Not available
12.2	EC <sub>50</sub> daphnia:	Not available
12.3	IC <sub>50</sub> 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 restriction
- Sea (IMO/IMDG): no restriction

**15.- REGULATORY INFORMATION**

<b>CLASSIFICATION:</b>	<b>LABEL:</b>
None	None
<b>Risk phrases:</b>	None
<b>Safety phrases:</b>	None

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TRADE CORPORATION INTERNATIONAL S. A. UNIPERSONAL



DIVISION: FERTILIZERS

PRODUCT: FAINAL K

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 n°: 3

16.4 Date of last revision: February 2, 2005

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The information included in these pages, is based on our knowledge of the product at the time of the edition. User is responsible to take adequate 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.