

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FIELDER CROPLIFTER 10-4-7

Product code: RL681A/B

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

1.3. Details of the supplier of the safety data sheet

Company name: Fielder Ltd

The Paddocks

Longden

Shrewsbury

Shropshire

SY5 8EX

United Kingdom

Tel: 01743 860924

Fax: 01743 860977

Email: fielderag@farming.co.uk

1.4. Emergency telephone number

Emergency tel: 01743 860924

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Aquatic Chronic 3: H412; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 2

Precautionary statements: P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see instructions on this label)

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

PHOSPHORIC ACID 81%

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-633-2	7664-38-2	-	Skin Corr. 1B: H314	1-10%

POTASSIUM CARBONATE - REACH registered number(s): 01-2119532646-36-XXXX

209-529-3	584-08-7	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	1-10%
-----------	----------	---	---	-------

CITRIC ACID MONOHYDRATE - REACH registered number(s): 01-2119457026-42

201-069-1	5949-29-1	-	Eye Irrit. 2: H319	1-10%
-----------	-----------	---	--------------------	-------

COPPER SULPHATE PENTAHYDRATE - REACH registered number(s): 01-2119520566-40

231-847-6	7758-99-8	-	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
-----------	-----------	---	---	-----

ZINC SULPHATE HEXAHYDRATE - REACH registered number(s): 01-2119474684-27

231-793-3	13986-24-8	-	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
-----------	------------	---	---	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Do not induce vomiting.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: No data available.

[cont...]

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 3

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

Delayed / immediate effects: No data available.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not applicable.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC12: Fertilisers.

Section 8: Exposure controls/personal protection

[cont...]

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 4

8.1. Control parameters

Hazardous ingredients:

PHOSPHORIC ACID 81%

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1 mg/m ³	2 mg/m ³	-	-

DNEL/PNEC Values

Hazardous ingredients:

POTASSIUM CARBONATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	16	Workers	Local
DNEL	Inhalation	10	Workers	Local
DNEL	Dermal	8	Consumers	Local
DNEL	Inhalation	10	Consumers	Local

CITRIC ACID MONOHYDRATE

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.44mg/l	-	-
PNEC	Marine water	0.044mg/l	-	-
PNEC	Fresh water sediments	3.46mg/l	-	-
PNEC	Marine sediments	34.6mg/l	-	-
PNEC	Microorganisms in sewage treatment	>1000mg/l	-	-
PNEC	Soil (agricultural)	33.1mg/kg	-	-

ZINC SULPHATE HEXAHYDRATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	1mg/m ³	Workers	Systemic
DNEL	Dermal	8.3mg/kg	Workers	Systemic
DNEL	Oral	0.83mg/kg	Consumers	Systemic
DNEL	Dermal	8.3mg/kg	Consumers	Systemic
PNEC	Fresh water	0.0206mg/l	-	-
PNEC	Marine water	0.0061mg/l	-	-
PNEC	Fresh water sediments	235.6mg/kg	-	-
PNEC	Marine sediments	113mg/kg	-	-
PNEC	Soil (agricultural)	106.8mg/kg	-	-

[cont...]

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 5

PNEC	Microorganisms in sewage treatment	0.0052mg/l	-	-
------	------------------------------------	------------	---	---

8.2. Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Not applicable.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Green

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

Boiling point/range°C: No data available.

Flammability limits %: lower: No data available.

Flash point°C: No data available.

Autoflammability°C: No data available.

Relative density: 1.16-1.20

VOC g/l: No data available.

Melting point/range°C: No data available.

upper: No data available.

Part.coeff. n-octanol/water: No data available.

Vapour pressure: No data available.

pH: 3.5-5.0

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Extremes of temperature.

[cont...]

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 6

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

PHOSPHORIC ACID 81%

ORL	RAT	LD50	1530	mg/kg
-----	-----	------	------	-------

POTASSIUM CARBONATE

DERMAL	RBT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	>4.96	mg/l
ORAL	RAT	LD50	>2000	mg/kg

CITRIC ACID MONOHYDRATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	MUS	LD50	5040	mg/kg
ORAL	RAT	LD50	3000	mg/kg

COPPER SULPHATE PENTAHYDRATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	480	mg/kg

ZINC SULPHATE HEXAHYDRATE

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>574	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

[cont...]

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 7

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

POTASSIUM CARBONATE

Daphnia magna	48H EC50	>200	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	68	mg/l

CITRIC ACID MONOHYDRATE

Daphnia magna	24H EC50	1535	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	48H EC50	440	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of waste and residues in accordance with local authority requirements.

Recovery operations: Dispose of in compliance with all local and national requirements.

Disposal of packaging: Empty containers should be disposed of in accordance with local and national regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

[cont...]

SAFETY DATA SHEET
FIELDER CROPLIFTER 10-4-7

Page: 8

Section 15: Regulatory information

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

Specific regulations: Classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC fertiliser Regulations 2003, Regulation (EC) No 1907/2006.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.