

MAS-Power KS

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

1.1 Product identifier

Product Name: **MAS-Power KS**
Supplier: Engage Agro Europe Ltd
Chorley Business & Technology Centre
Euxton Lane,
Euxton, Chorley
Lancashire PR7 6TE
England
Telephone: +44 (0) 1257 226590



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

Product use: Fertiliser. For professional use only.
Uses advised against: All uses not specified in this section or in section 7.3.

1.3 Emergency telephone

Emergency Telephone	Type of Assistance	Opening Hours
0845 4647	England and Wales: NHS Direct – Health advice and assistance	24 Hours
08454 242424	Scotland: NHS24	24 Hours

Section 2: Hazards identification

2.1 Classification of the Substance and Mixture

CLP Regulation (EC) n°1272/2008: Classification of this product has been carried out in accordance with CLP Regulation (EC) N° 1272/2008.
Not classified as dangerous

2.2 Label elements

Hazard Statements: Not classified as dangerous

Hazard Pictograms: Not classified as dangerous

2.3 Other Hazards

No other hazards Known

Section 3: Composition/information on ingredients

3.1 Substances

Hazardous ingredients	EC No.	CAS No.	Conc. (%w/w)	REACH Registration No.
Potassium thiosulphate	2333-666-8	10294-66-3	90-100	01-2119537328-35

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Section 4: First aid measures

4.1 Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention.

- By inhalation:** If Inhaled, move person to fresh air. If not breathing, give artificial respiration. Seek medical advice.
- By skin contact:** Wash area with soap and plenty of water. Seek Medical Advice.
- By eye contact:** Rinse eyes with water for at least 15 minutes. Seek medical advice
- By Ingestion:** Rinse mouth with water. Seek medical advice.

4.2 Most Important symptoms and effects, both acute and delayed:

No data available

4.3 Indication of any immediate medical attention and special treatment needed

TREAT SYMPTOMATICALLY. If you feel unwell seek medical advice. Show the label where possible. Show this safety data sheet to the doctor in attendance

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: No data available

5.3 Advice for firefighters

Advice for fire-fighters: Fire Fighting Protective Equipment
Use self-contained breathing apparatus for firefighters if necessary.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: For protective clothing see Section 8.

6.2 Environmental precautions

Environmental precautions: Prevent further spillages if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.

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6.3 Methods and material for containment and cleaning up

Clean-up procedures: In event of spillage, evacuate area and attempt to contain and absorb with sand, earth or other inert material. Sweep up and place waste in sealed containers. Contact Local Authority for controlled waste disposal.

6.4 Reference to other sections

Reference to other sections: Refer to Section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes. Always use PPE when handling/ transporting chemicals.

7.2 Conditions for safe storage, including any incompatibilities

General conditions for storage: Store in a cool, well ventilated place. Keep container tightly closed when not in use.

7.3 Specific end use(s)

Specific end use(s): No data is available for this product.

Section 8: Exposure controls/personal protection

8.1 Control Parameters

Substances whose occupational exposure limits have to be monitored in the work environment.

DNEL - Exposure pattern - Workers:

Potassium thiosulphate	Long-term systemic effects - Inhalation	449 mg/m ³
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DNEL- Exposure pattern - General population:

Potassium thiosulphate	Long-term systemic effects - Inhalation	133 mg/m ³
	Long-term systemic effects - Oral	17 mg/kg

PNEC:

Potassium thiosulphate	Compartments	Values
	Fresh water	1 mg/l
	Marine water	0.1 mg/l
	STP	128.3 mg/l

Sampling methods:

Potassium	OSHA	ID121
Sulphites and sulphates	NIOSH	6004

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8.2 Exposure controls



A - General security and hygiene measures in the work place

Keep away from naked flames/heat. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Keep container tightly closed. Do not eat, drink or smoke during work. Observe normal hygiene standards.

B - Specific Respiratory Protection

When necessary use of a full face particle respirator is recommended.

C - Specific protection for the hands

Chemical-resistant gloves (i.e. nitrile) should be worn at all times when handling this material.

D - Ocular and facial protection

Avoid contact with the eyes. If splashes are likely to occur, wear safety glasses with side shields.

E - Bodily protection

Protective clothing

Environmental exposure controls:

See Section 6 and 13.

Volatile organic compounds

Non-applicable

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical form:	Liquid
Colour:	Colourless to light yellow
Odour	Mild odour (unpleasant)
Odour threshold:	No data available
pH:	8.2
Melting point:	No data available
Initial boiling point:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas)	Non-combustible
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	1.46
Partition coefficient:	No data available
autoignition temperature:	No data available
Viscosity:	No data available
Explosive properties:	Not predicted to be explosive
Oxidising properties:	No data available
Solubility:	Miscible

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9.2 Other Information

Not applicable

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: None known

10.4 Conditions to avoid

Conditions to avoid: No data available

10.5 Incompatible materials

Incompatible materials: No data available

10.6 Hazardous decomposition products

Haz. Decomposition Products: No data available

Section 11: Toxicological information

11.1 Information on toxicological effects

Inhalation: No data available
Skin contact: No data available
Eye contact: No data available
Ingestion: No data available
Long term exposure: No data available

11.2 Specific toxicology information on the substances

No data available

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Section 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

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

Section 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment methods: Should be disposed of by a licensed disposal company.

Disposal of packaging: Do not re-use packaging for any other purpose.
Recommended: Use of a licensed disposal company is recommended.

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Section 14: Transport information

14.1 UN Number

This product is not classified as dangerous for carriage.

14.2 UN proper shipping name

The product is not classified as dangerous for carriage.

14.3 Transport hazard class(es)

This product is not classified as dangerous for carriage.

14.4 Packaging group

The products is not classified as dangerous for carriage.

14.5 Environmental hazards

The product is not classified as dangerous for carriage.

14.6 Special precautions for user

The product is not classified as dangerous for carriage.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

The product is not classified as dangerous for carriage.

Section 15: Regulatory information

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

Specific regulations:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC with amendments.
COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending regulation (EC)No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
REGULATION (EC) No 1727/2008 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) of 16 December 2008 on classification, labelling and packaging of substances and mixture, amending and repealing Directives 6/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; with amendments
Regulation (EU) No 946/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals
Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on Persistent organic Pollutants and amending Directive 79/117/EC
European Agreement Concerning the Carriage of Dangerous Goods by Road (ADR), 2015

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15.2 Chemical Safety Assessment

Chemical safety assessment: No data available

Section 16 Other information

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Annex II-Guide to the compilation of safety data sheets of Regulation (EC) N° 1907/2006 (Regulation (EU) N° 453/2010, Regulation (EC) N° 2015/830)

Modifications related to the previous security card which concerns the ways of managing risks:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

Not classified as dangerous

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.

CLP Regulation (EC) n° 1272/2008:

Not classified as dangerous

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.

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Engage Agro Europe Ltd

Chorley Business & Technology Centre | Euxton Lane | Euxton | Chorley | Lancashire PR7 6TE

T: +44 (0) 1257226590

E: info@engage-agro.com

www.engageagroeuropa.com