

PRODUCT SAFETY DATA SHEET : MICROSOL 28-10-10 + 3 HW
Section1: Identification of the substances/mixtures and of the company / undertaking
1:1 Product Identifier

Product Name: Microsol 28-10-10 + 3 HW
Product Code: 0116022/020

1:2 Relevant identified uses of the substance or mixture and uses advised against

Use of Substance / Mixture: Soluble fertilizer for use in agriculture and horticulture

1:3 Details of the supplier of the safety data sheet

Company Name: Rigby Taylor Ltd
 Crown Lane
 Horwich
 BL6 5HP
Tel: +44(0)1204 677777
FAX: +44(0)1204 677715
Email: info@rigbytaylor.com

1:4 Emergency telephone number

Emergency tel: +44(0)1204 677777 (office hours only)

Section2: Hazards identification
2:1 Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2 : H319
Classification under CHIP: This product has no classification under CHIP

2:2 Label elements
Label elements under CLP:

Hazard Statements: H319: Causes serious eye irritation

Signal Words: Warning

Hazard pictograms GHS07 : Exclamation mark

Precautionary statements: P264: Wash hands thoroughly after handling.
 P280: Wear eye protection.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
 P337+313: If eye irritation persists: Get medical advice/attention.


Label elements under CHIP:

Hazard symbols: No significant hazard.

PRODUCT SAFETY DATA SHEET : MICROSOL 28-10-10 + 3 HW

2:3 Other Hazards

PBT: This substance is not identified as a PBT substance

Section3: Composition / information on ingredients

3:2 Mixtures

Hazardous ingredients:

PEKACID (HKP) RM

EINICS	CAS	CHIP Classification	CLP Classification	Percent
238-961-5	14887-42-4	Xi : R36	Eye Irrit. 2 : H319	10-30%

Section4: First aid measures

4:1 Description of first aid measurers

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Promptly wash eye with plenty of water while lifting the eye lids. Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion : Wash out mouth with water.
Inhalation : Consult a doctor.

4:2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion : There may be irritation of the throat.
Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Possible systemic effects.

4:3 Indication of any immediate medical attention and special treatment needed

Immediate/special treatment: Not applicable.

Section5: 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: In combustion emits toxic fumes.

PRODUCT SAFETY DATA SHEET : MICROSOL 28-10-10 + 3 HW

5:3 Advice for fire-fighters**Advice for fire-fighters:**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

Section6: 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:**

Wash the spillage site with large amounts of water.

6:4 Reference to other sections**Reference to other sections:**

Refer to section 8 of SDS

Section7: Handling and storage**7:1 Precautions for safe handling****Handling requirements:**

Avoid the formation or spread of dust in the air.

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 be kept in original packaging

7:3 Specific end use(s)**Specific end use(s):**

No data available

Section8: Exposure controls / personal protection**8:1 Control parameters****Workplace exposure limits:**

Not Applicable

PRODUCT SAFETY DATA SHEET : MICROSOL 28-10-10 + 3 HW

8:2 Exposure controls

Engineering measurers:	Ensure there is sufficient ventilation of the area.
Respiratory protection :	Respiratory protective device with particle filter.
Hand protection :	Protective gloves. Wash hands before and at the end of work.
Eye protection :	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing. Wearing of closed work clothes is recommended.

Section9: Physical and chemical properties

9:1 Information on basic and chemical properties

State:	Powder
Solubility in water :	Soluble

9:2 Other information

Other information:	Not Applicable
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Section10: Stability and reactivity

10:1 Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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10:2 Chemical stability

Chemical stability:	Stable under normal conditions
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10:3 Possibility of hazardous reactions

Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below. In molten state: reacts violently with (some) metals.
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10:4 Conditions to avoid

Conditions to avoid:	Heat
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10:5 Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids
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PRODUCT SAFETY DATA SHEET : MICROSOL 28-10-10 + 3 HW

10:6 Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section11: Toxicological information

11:1 Information on toxicological effects

Toxicity values: Not applicable

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Possible systemic effects.
Other information: The product has not been tested. The statements on toxicology have been derived from the properties of the individual components or from products of a similar structure and composition.

Section12: Ecological information

12:1 Toxicity

Ecotoxicity values: Not Applicable

12:2 Persistence and degradeability

Persistence and degradeability: Biodegradeable

12:3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential

12:4 Mobility in soil

12:5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance

12:6 Other adverse effects

Other adverse effects: Negligible ecotoxicity

PRODUCT SAFETY DATA SHEET : MICROSOL 28-10-10 + 3 HW

Section13: Disposal considerations

13:1 Waste treatment methods

Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company
Disposal of packaging:	Observe all local regulations. Pack that cannot be cleaned should be disposed of in the same manner as the contents.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section14: Transport information

Transport class:	This product does not require a classification for transport
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Section15: Regulatory information

15:1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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
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Section16: Other information

Other information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010 * indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and 3:	H319: Causes serious eye irritation. R36: Irritating to eyes.
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.