

## 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.

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## 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.

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## 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

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

**Section9: Physical and chemical properties****9:1 Information on basic and chemical properties**

|                              |         |
|------------------------------|---------|
| <b>State:</b>                | Powder  |
| <b>Solubility in water :</b> | Soluble |

**9:2 Other information**

|                           |                |
|---------------------------|----------------|
| <b>Other information:</b> | Not Applicable |
|---------------------------|----------------|

**Section10: Stability and reactivity****10:1 Reactivity**

|                    |   |
|--------------------|---|
| <b>Reactivity:</b> | Stable under recommended transport or storage conditions. |
|--------------------|---|

**10:2 Chemical stability**

|                            |                                |
|----------------------------|--------------------------------|
| <b>Chemical stability:</b> | Stable under normal conditions |
|----------------------------|--------------------------------|

**10:3 Possibility of hazardous reactions**

|                             |   |
|-----------------------------|---|
| <b>Hazardous reactions:</b> | 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. |
|-----------------------------|---|

**10:4 Conditions to avoid**

|                             |      |
|-----------------------------|------|
| <b>Conditions to avoid:</b> | Heat |
|-----------------------------|------|

**10:5 Incompatible materials**

|                            |                                       |
|----------------------------|---------------------------------------|
| <b>Materials to avoid:</b> | Strong oxidising agents. Strong acids |
|----------------------------|---------------------------------------|

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## 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 degradability

**Persistence and degradability:** 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

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## 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

## 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

## 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.