

PRODUCT SAFETY DATA SHEET : MICROSOL 16-32-16 HW

Section1: Identification of the substances/mixtures and of the company / undertaking

1:1 Product Identifier

Product Name: Microsol 16-32-16 HW
Product Code: 0116012/020

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: Xi: R36
Most important adverse effects: Irritating to eyes.

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 protective gloves/protective clothing/eye protection/face 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.



Cont.

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Label elements under CHIP:

Hazard symbols:

Risk Phrases:

Irritant

R36: Irritating to eyes.



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 | 30-50% |

Section4: First aid measures

4:1 Description of first aid measurers

Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. 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. Transfer to hospital for specialist examination.

Ingestion :

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation :

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact:

There may be irritation and redness at the site of contact.

Eye contact:

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion :

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation :

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects:

Immediate effects can be expected after a short-term exposure.

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

Section5: Fire-fighting measures

5:1 Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers,

5:2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Do not create dust.

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: Transfer to a closable, labelled salvage container for disposal by an appropriate method

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 direct contact with the substance. Ensure there is sufficient ventilation of the area. 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

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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

8:2 Exposure controls

Engineering measurers: Ensure there is sufficient ventilation of the area.
Respiratory protection : Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
Hand protection : Protective gloves. Wash hands before and at the end of work.
Eye protection : **Tightly fitting safety** goggles. 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
Colour : Blue
Solubility in water : Soluble

9:2 Other information

Other information: Not Applicable

Section10: Stability and reactivity

10:1 Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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.

10:4 Conditions to avoid

Conditions to avoid: Heat

10:5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids

10:6 Hazardous decomposition products

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

Section 11: Toxicological information

11:1 Information on toxicological effects

Relevant effects for mixture:

| Effect | Route | Basis |
|------------|-------|-----------------------|
| Irritation | OPT | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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.

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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

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.

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

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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 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.