



SAFETY DATA SHEET

Rigby Taylor Microlite 14-2-10+2Mg 20kg

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

1.1. Product identifier

| | |
|---------------------------------|---|
| Product name | Rigby Taylor Microlite 14-2-10+2Mg 20kg |
| Product number | I2783 |
| REACH registration notes | Exempt from REACH registration according to Regulation (EC) No. 1907/2006 (REACH) |

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

| | |
|------------------------|------------|
| Identified uses | Fertiliser |
|------------------------|------------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------|---|
| Supplier | Rigby Taylor Ltd Suite 16 Rivington House Horwich Loco Industrial Estate Horwich Bolton BL6 5UE +44 (0) 800 424919 +44 (0) 1204 677715 info@rigbytaylor.com |
|-----------------|---|

1.4. Emergency telephone number

| | |
|----------------------------|---|
| Emergency telephone | +44 (0) 1204 677777 8am - 5pm Mon - Fri |
|----------------------------|---|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

| | |
|------------------------------|---------------------|
| Physical hazards | Not Classified |
| Health hazards | Eye Irrit. 2 - H319 |
| Environmental hazards | Not Classified |

2.2. Label elements

Pictogram



| | |
|---------------------------------|---|
| Signal word | Warning |
| Hazard statements | H319 Causes serious eye irritation. |
| Precautionary statements | P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. |

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2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | | |
|----------------------------------|----------------------|--|---------------|
| SSP Single Superphosphate | | | 10-30% |
| CAS number: 8011-76-5 | EC number: 232-379-5 | REACH registration number: 01-2119488967-11-XXXX | |

| | |
|-----------------------|--|
| Classification | Classification (67/548/EEC or 1999/45/EC) |
| Eye Irrit. 2 - H319 | Xi; R41 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Get medical attention if symptoms are severe or persist. |
| Ingestion | Get medical attention if symptoms are severe or persist. |
| Skin contact | Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing. |
| Eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing. |

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

| | |
|---------------------|--|
| Inhalation | Dust in high concentrations may irritate the respiratory system. |
| Ingestion | No harmful effects expected from quantities likely to be ingested by accident. |
| Skin contact | Skin irritation should not occur when used as recommended. |
| Eye contact | Prolonged or repeated exposure may cause severe irritation. May cause severe eye irritation. |

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

| | |
|-----------------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|-----------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | Not applicable. |

5.2. Special hazards arising from the substance or mixture

| | |
|-------------------------|-------------|
| Specific hazards | None known. |
|-------------------------|-------------|

5.3. Advice for firefighters

| | |
|--|---|
| Protective actions during firefighting | No specific firefighting precautions known. |
| Special protective equipment for firefighters | Use protective equipment appropriate for surrounding materials. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions The product is slowly degradable. The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Take care as floors and other surfaces may become slippery. Collect and dispose of spillage as indicated in Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid inhalation of dust and contact with skin and eyes.

Advice on general occupational hygiene Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a dry place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ammonium Sulphate

Long-term exposure limit (8-hour TWA): LTEL 10Mg/m³

Calmag Magnesium Oxide

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust
as Mg

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ fume and respirable dust
as Mg

WEL = Workplace Exposure Limit

Potash (CAS: 7447-40-7)

DNEL

Workers - Dermal; Short term systemic effects: 580 mg/kg/day

Workers - Dermal; Long term systemic effects: 580 mg/kg/day

Workers - Inhalation; Short term systemic effects: 292 mg/m³

Workers - Inhalation; Long term systemic effects: 292 mg/m³

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PNEC Industry - Fresh water; 0,047 mg/l
- Marine water; 0,047 mg/l

SSP Single Superphosphate (CAS: 8011-76-5)

DNEL Workers - Inhalation; Long term systemic effects: 3.1 mg/m³
Workers - Dermal; Long term systemic effects: 17.4 mg/kg/day
General population - Inhalation; Long term systemic effects: 0.9 mg/m³
General population - Oral; Long term systemic effects: 2.1 mg/kg/day
General population - Dermal; Long term systemic effects: 10.4 mg/kg/day

PNEC - Fresh water; 1.7 mg/l
- Marine water; 0.17 mg/m³
- Intermittent release; 17 mg/l
- STP; 10 mg/l

Urea (CAS: 57-13-6)

DNEL Consumer - Oral; Long term systemic effects: 42 mg/kg/day
Consumer - Oral; Short term systemic effects: 42 mg/kg/day
Consumer - Dermal; Long term systemic effects: 580 mg/kg/day
Consumer - Dermal; Short term systemic effects: 580 mg/kg/day
Industry/Professional - Dermal; Long term systemic effects: 580 mg/kg/day
Industry/Professional - Dermal; Short term systemic effects: 580 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 125 mg/m³
Consumer - Inhalation; Short term systemic effects: 125 mg/m³
Industry/Professional - Inhalation; Short term local effects: 292 mg/m³
Industry/Professional - Inhalation; Short term systemic effects: 292 mg/m³

PNEC - Fresh water; 0.47 mg/l
- Marine water; 0.047 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

All handling should only take place in well-ventilated areas.

Eye/face protection

Wear eye protection.

Hand protection

Wear protective gloves.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Respiratory protection

No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Granules.

Colour

Beige. to Dark brown. or Black.

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| | |
|--|---|
| Odour | Mild. |
| Odour threshold | Not determined. |
| pH | Slightly Acidic |
| Melting point | Not relevant. |
| Initial boiling point and range | Not relevant. |
| Flash point | Not relevant. |
| Evaporation rate | Not relevant. |
| Flammability (solid, gas) | The product is not flammable. |
| Vapour pressure | Not relevant. |
| Vapour density | Not relevant. |
| Relative density | Not relevant. |
| Solubility(ies) | Not known. |
| Partition coefficient | Not known. |
| Auto-ignition temperature | Not relevant. |
| Decomposition Temperature | Not relevant. |
| Viscosity | Not relevant. |
| Explosive properties | Not relevant. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stability Stable when stored in a dry place.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition products None known.

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) No specific test data are available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No specific test data are available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No specific test data are available.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed. In-vitro testing conducted on products with SSP Content <62%, 2015, Result: Reduced classification to Eye Irritant. Test Guideline OECD 438. This result is less severe than the harmonized classification for Super Phosphates as Eye Damage 1 H318.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro This substance has no evidence of mutagenic properties.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Eye contact

The product is considered to be a low hazard under normal conditions of use. May cause eye irritation.

SECTION 12: Ecological Information

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is slowly degradable.

12.3. Bioaccumulative potential

Partition coefficient Not known.

12.4. Mobility in soil

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Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not relevant.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Reuse or recycle products wherever possible. No specific disposal method required.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
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) (as amended).

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

| | |
|----------------------------------|--|
| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Revision date | 10/06/2016 |
| Revision | 2 |
| Supersedes date | 29/03/2016 |
| SDS number | 5306 |
| Risk phrases in full | R41 Risk of serious damage to eyes. |
| Hazard statements in full | H319 Causes serious eye irritation. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.