



## Classification Report

### Rigby Taylor Microfine 16-0-16+2Fe 20kg

#### Company Identification

**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

#### Mixture Identification

**SDS No.** 5310  
**Product name** Rigby Taylor Microfine 16-0-16+2Fe 20kg  
**Product number** I2797

#### Hazard Identification

##### Pictogram



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 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.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Child-Resistant Fastening** No

**Tactile Warning of Danger** No

#### Classification

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Aquatic Chronic 3 - H412

#### Entered Formulation

## Rigby Taylor Microfine 16-0-16+2Fe 20kg

SDS number	Name	Content %
4522	Ammonium Sulphate (4522)	41.1%
4512	Urea (4512)	6.08%
4581	SSP Single Superphosphate (4581)	5.56%
4600	Ferrous Sulphate Mono 25kg (4600)	6.67%
4585	Methylene Urea (Short) (4585)	10.0%
4533	Potassium Nitrate (4533)	5.0%
4535	Zinc Sulphate Monohydrate (4535)	0.5%
4516	Potash (4516)	22.83%
4584	Water (4584)	1.96%
4576	Biofix (4576)	0.3%

### Constituent Chemicals

<p><b>1 Ammonium Sulphate (4522)</b> <span style="float: right;"><b>41.1%</b></span></p> <p>CAS number: 007783-20-2      EC number: 231-984-1      Product number: I0285</p> <p>EU index number: —      REACH registration number: 01-2119455044-46-XXXX</p> <p><b>Physical hazards</b>      Not Classified</p> <p><b>Health hazards</b>      Not Classified</p> <p><b>Environmental hazards</b>      Not Classified</p>
<p><b>2 Potash (4516)</b> <span style="float: right;"><b>22.83%</b></span></p> <p>CAS number: 7447-40-7      EC number: 231-211-8      Product number: I0259</p> <p>EU index number: —      REACH registration number: —</p> <p><b>Physical hazards</b>      Not Classified</p> <p><b>Health hazards</b>      Not Classified</p> <p><b>Environmental hazards</b>      Not Classified</p>
<p><b>3 Methylene Urea (Short) (4585)</b> <span style="float: right;"><b>10.0%</b></span></p> <p>CAS number: —      EC number: —      Product number: I0261</p> <p>EU index number: —      REACH registration number: —</p> <p><b>Physical hazards</b>      Not Classified</p> <p><b>Health hazards</b>      Not Classified</p> <p><b>Environmental hazards</b>      Not Classified</p>
<p><b>4 Ferrous Sulphate Mono 25kg (4600)</b> <span style="float: right;"><b>6.67%</b></span></p> <p>CAS number: 17375-41-6      EC number: 231-753-5      Product number: I1929</p> <p>EU index number: —      REACH registration number: 01-2119513203-57-XXXX</p> <p><b>Physical hazards</b>      Not Classified</p> <p><b>Health hazards</b>      Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319</p> <p><b>Environmental hazards</b>      Not Classified</p>

## Rigby Taylor Microfine 16-0-16+2Fe 20kg

<b>5</b>	<b>Urea (4512)</b>	<b>6.08%</b>
	CAS number: 57-13-6	EC number: 200-315-5
	EU index number: —	Product number: I0284
		REACH registration number: 01-2119463277-33-XXXX
	<b>Physical hazards</b>	Not Classified
	<b>Health hazards</b>	Not Classified
	<b>Environmental hazards</b>	Not Classified
<b>6</b>	<b>SSP Single Superphosphate (4581)</b>	<b>5.56%</b>
	CAS number: 8011-76-5	EC number: 232-379-5
	EU index number: —	Product number: I0272
		REACH registration number: 01-2119488967-11-XXXX
	<b>Physical hazards</b>	Not Classified
	<b>Health hazards</b>	Eye Irrit. 2 - H319
	<b>Environmental hazards</b>	Not Classified
<b>7</b>	<b>Potassium Nitrate (4533)</b>	<b>5.0%</b>
	CAS number: 7757-79-1	EC number: 231-818-8
	EU index number: —	Product number: I1245
		REACH registration number: 01-2119488224-35-XXXX
	<b>Physical hazards</b>	Ox. Sol. 3 - H272
	<b>Health hazards</b>	Not Classified
	<b>Environmental hazards</b>	Not Classified
<b>8</b>	<b>Water (4584)</b>	<b>1.96%</b>
	CAS number: —	EC number: —
	EU index number: —	Product number: —
		REACH registration number: —
	<b>Physical hazards</b>	Not Classified
	<b>Health hazards</b>	Not Classified
	<b>Environmental hazards</b>	Not Classified
<b>9</b>	<b>Zinc Sulphate Monohydrate (4535)</b>	<b>0.5%</b>
	CAS number: 7446-20-0	EC number: 231-793-3
	EU index number: 030-006-00-9	Product number: I1406
		REACH registration number: 01-2119474684-27-XXXX
	<b>Physical hazards</b>	Not Classified
	<b>Health hazards</b>	Acute Tox. 4 - H302, Eye Dam. 1 - H318
	<b>Environmental hazards</b>	Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

## Rigby Taylor Microfine 16-0-16+2Fe 20kg

<b>10</b>	<b>Biofix (4576)</b>	<b>0.3%</b>
CAS number: —		
EC number: —		
Product number: I2718		
EU index number: —		
REACH registration number: —		
<b>Physical hazards</b>		
Not Classified		
<b>Health hazards</b>		
Not Classified		
<b>Environmental hazards</b>		
Not Classified		

### Physical Hazards

#### 2.1 Explosives

Not Classified

#### 2.2 Flammable Gases

Not Classified

#### 2.3 Aerosols

Not Classified

#### 2.4 Oxidising Gases

Not Classified

#### 2.5 Gases Under Pressure

Not Classified

#### 2.6 Flammable Liquids

Not Classified

#### 2.7 Flammable Solids

Not Classified

#### 2.8 Self Reactive Substances and Mixtures

Not Classified

#### 2.9 Pyrophoric Liquids

Not Classified

#### 2.10 Pyrophoric Solids

Not Classified

#### 2.11 Self Heating Substances and Mixtures

Not Classified

#### 2.12 Substances and Mixtures which in contact with water emit flammable gases

Not Classified

#### 2.13 Oxidising Liquids

Not Classified

#### 2.14 Oxidising Solids

Not Classified

## Rigby Taylor Microfine 16-0-16+2Fe 20kg

% Content	5.0%
Ox. Sol. 3	5.0%
Potassium Nitrate	5.0%

### 2.15 Organic Peroxides

Not Classified

### 2.16 Corrosive to Metals

Not Classified

## Health Hazards

### 3.1.1 Acute Toxicity (Oral)

Not Classified

**Calculated ATE**                      29,985.00749625

Ferrous Sulphate Mono 25kg	6.67%
----------------------------	-------

Acute Tox. 4 - H302

Calculated ATE	Substance ATE Derivation Method
2,000.0	LD <sub>50</sub>

Zinc Sulphate Monohydrate	Below Cut Off%
---------------------------	----------------

Acute Tox. 4 - H302

Calculated ATE	Substance ATE Derivation Method
574.0	LD <sub>50</sub>

**Total of % unknowns**              0.0

**Unknowns calculation used**      Low

### 3.1.2 Acute Toxicity (Dermal)

Not Classified

**Total of % unknowns**              0.0

**Unknowns calculation used**      Low

### 3.1.3 Acute Toxicity (Inhalation)

Not Classified

**Total of % unknowns**              0.0

**Unknowns calculation used**      Low

### 3.2 Skin Corrosion/Irritation

Not Classified

Ferrous Sulphate Mono 25kg	6.67%
----------------------------	-------

Skin Irrit. 2 - H315

Skin Corrosion	Skin Irrit 2
--	0.667

## Rigby Taylor Microfine 16-0-16+2Fe 20kg

**Skin Corrosion** 0.0

**Skin Irrit 2** 0.667

### 3.3 Serious Eye Damage/Eye Irritation

Eye Irrit. 2 - H319

Causes serious eye irritation.

---

Ferrous Sulphate Mono 25kg	6.67%
----------------------------	-------

Eye Irrit. 2 - H319

<b>Eye Dam 1</b>	<b>Eye Irrit 2</b>	
--	0.667	

---

SSP Single Superphosphate	5.56%
---------------------------	-------

Eye Irrit. 2 - H319

<b>Eye Dam 1</b>	<b>Eye Irrit 2</b>	
--	0.556	

---

Zinc Sulphate Monohydrate	Below Cut Off%
---------------------------	----------------

Eye Dam. 1 - H318

<b>Eye Dam 1</b>	<b>Eye Irrit 2</b>	
--	--	

**Calculation method** Additive

**Eye Dam 1** 0.0

**Eye Irrit 2** 1.223

### 3.4.1 Respiratory Sensitisation

Not Classified

### 3.4.2 Skin Sensitisation

Not Classified

### 3.5 Germ Cell Mutagenicity

Not Classified

### 3.6 Carcinogenicity

Not Classified

### 3.7 Reproductive Toxicity

Not Classified

#### 3.7.1 Reproductive Toxicity (Lactation)

Not Classified

#### 3.8.1 Specific Target Organ Toxicity - Single Exposure

Not Classified

#### 3.8.2 Specific Target Organ Toxicity - Single Exposure (H335 & H336)

## Rigby Taylor Microfine 16-0-16+2Fe 20kg

Not Classified

### 3.9 Specific Target Organ Toxicity - Repeated Exposure

Not Classified

### 3.10 Aspiration Hazard

Not Classified

## Environmental Hazards

### 4.1.1 Hazardous to the Aquatic Environment Short Term (Acute)

Not Classified

---

Zinc Sulphate Monohydrate 0.5%

Aquatic Acute 1 - H400

<b>M-Factor</b>		<b>Aquatic Acute 1</b>
1.0		0.02

<b>Aquatic Acute 1</b>	0.02
------------------------	------

<b>Total of % unknowns</b>	0.0
----------------------------	-----

**Unknowns calculation used** Low

### 4.1.2 Hazardous to the Aquatic Environment Long Term (Chronic)

Aquatic Chronic 3 - H412

Harmful to aquatic life with long lasting effects.

---

Zinc Sulphate Monohydrate 0.5%

Aquatic Chronic 1 - H410

<b>Degradability</b>	<b>M-Factor</b>	<b>Aquatic Chronic 1</b>	<b>Aquatic Chronic 2</b>	<b>Aquatic Chronic 3</b>	<b>Aquatic Chronic 4</b>
--	1.0	0.02	0.2	2.0	0.02

<b>Aquatic Chronic 1</b>	0.02
--------------------------	------

<b>Aquatic Chronic 2</b>	0.2
--------------------------	-----

<b>Aquatic Chronic 3</b>	2.0
--------------------------	-----

<b>Aquatic Chronic 4</b>	0.02
--------------------------	------

<b>Total of % unknowns</b>	0.0
----------------------------	-----

**Unknowns calculation used** Low

### 5.1 Hazardous to the ozone layer

Not Classified