



Classification Report Rigby Taylor Microfine 12-0-10 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
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Mixture Identification

SDS No.	5263
Product name	Rigby Taylor Microfine 12-0-10 20kg
Product number	I0104

Hazard Identification

Pictogram



Signal word	Warning
Hazard statements	EUH208 Contains nickel sulfate. May produce an allergic reaction. 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.
Child-Resistant Fastening	No
Tactile Warning of Danger	No

Classification

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

Entered Formulation

Rigby Taylor Microfine 12-0-10 20kg

SDS number	Name	Content %
4522	Ammonium Sulphate (4522)	20.0%
4512	Urea (4512)	7.0%
4581	SSP Single Superphosphate (4581)	18.0%
4516	Potash (4516)	15.97%
4521	Calmag Magnesium Oxide (4521)	3.16%
4597	Organic Crumb (4597)	9.0%
4585	Methylene Urea (Short) (4585)	7.7%
4576	Biofix (4576)	0.3%
4618	Lignite (4618)	7.0%
4584	Water (4584)	1.5%
5466	Ferrous Sulphate 18% (2) (5466)	10.37%

Constituent Chemicals

1 Ammonium Sulphate (4522) CAS number: 007783-20-2 EC number: 231-984-1 Product number: I0285 EU index number: — REACH registration number: 01-2119455044-46-XXXX	20.0%
Physical hazards Not Classified Health hazards Not Classified Environmental hazards Not Classified	
2 SSP Single Superphosphate (4581) CAS number: 8011-76-5 EC number: 232-379-5 Product number: I0272 EU index number: — REACH registration number: 01-2119488967-11-XXXX	18.0%
Physical hazards Not Classified Health hazards Eye Irrit. 2 - H319 Environmental hazards Not Classified	
3 Potash (4516) CAS number: 7447-40-7 EC number: 231-211-8 Product number: I0259 EU index number: — REACH registration number: —	15.97%
Physical hazards Not Classified Health hazards Not Classified Environmental hazards Not Classified	
4 Organic Crumb (4597) CAS number: — EC number: — Product number: I1244 EU index number: — REACH registration number: —	9.0%
Physical hazards Not Classified Health hazards Not Classified Environmental hazards Not Classified	

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11	Biofix (4576)		0.3%
	CAS number: —	EC number: —	Product number: I2718
	EU index number: —	REACH registration number: —	
	Physical hazards	Not Classified	
	Health hazards	Not Classified	
	Environmental hazards	Not Classified	
12	sulphuric acid ... % (499)		0.07259%
	CAS number: 7664-93-9	EC number: 231-639-5	Product number: —
	EU index number: 016-020-00-8	REACH registration number: —	
	Physical hazards	Not Classified	
	Health hazards	Skin Corr. 1A - H314	
	Environmental hazards	Not Classified	
13	manganese sulphate (637)		0.05185%
	CAS number: 7785-87-7	EC number: 232-089-9	Product number: —
	EU index number: 025-003-00-4	REACH registration number: —	
	Physical hazards	Not Classified	
	Health hazards	STOT RE 2 - H373	
	Environmental hazards	Aquatic Chronic 2 - H411	
14	nickel sulfate (670)		0.002074%
	CAS number: 7786-81-4	EC number: 232-104-9	Product number: —
	EU index number: 028-009-00-5	REACH registration number: —	
	Physical hazards	Not Classified	
	Health hazards	Acute Tox. 4 - H302, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Resp. Sens. 1 - H334, Skin Sens. 1 - H317, Muta. 2 - H341, Carc. 1A - H350i, Repr. 1B - H360D, STOT RE 1 - H372	
	Environmental hazards	Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	

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

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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

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 9,643.20154291

iron (II) sulfate	5.185%
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Acute Tox. 4 - H302

Calculated ATE	Substance ATE Derivation Method
500.0	cATPE

nickel sulfate	Below Cut Off%
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Acute Tox. 4 - H302

Calculated ATE	Substance ATE Derivation Method
500.0	cATPE

Total of % unknowns 0.0

Unknowns calculation used Low

3.1.2 Acute Toxicity (Dermal)

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Not Classified

Total of % unknowns 0.0

Unknowns calculation used Low

3.1.3 Acute Toxicity (Inhalation)

Not Classified

nickel sulfate Below Cut Off%

Acute Tox. 4 - H332

ATE (Dust/Mist):	ATE (Gases):	ATE (Vapours):	Substance ATE Derivation Method
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Total of % unknowns 0.0

Unknowns calculation used Low

3.2 Skin Corrosion/Irritation

Not Classified

iron (II) sulfate 5.185%

Skin Irrit. 2 - H315

Skin Corrosion	Skin Irrit 2
--	0.5185

sulphuric acid ... % Below Cut Off%

Skin Corr. 1A - H314

Skin Corrosion	Skin Irrit 2
--	--

nickel sulfate Below Cut Off%

Skin Irrit. 2 - H315

Skin Corrosion	Skin Irrit 2
--	--

Skin Corrosion 0.0

Skin Irrit 2 0.5185

3.3 Serious Eye Damage/Eye Irritation

Eye Irrit. 2 - H319

Causes serious eye irritation.

SSP Single Superphosphate 18.0%

Eye Irrit. 2 - H319

Eye Dam 1	Eye Irrit 2
--	1.8

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iron (II) sulfate	5.185%
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Eye Irrit. 2 - H319

Eye Dam 1

--

Eye Irrit 2

0.5185

sulphuric acid ... %

Below Cut Off%

Not Classified

Eye Dam 1

--

Eye Irrit 2

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Calculation method	Additive
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Eye Dam 1	0.0
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Eye Irrit 2	2.3185
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3.4.1 Respiratory Sensitisation

Not Classified

nickel sulfate

Below Cut Off%

Resp. Sens. 1 - H334

Resp Sens

--

Elicit Sens

--

Resp Sens	0.0
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Elicit Sens	0.0
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3.4.2 Skin Sensitisation

Elicitation - EUH208

Contains nickel sulfate. May produce an allergic reaction.

nickel sulfate

0.002074%

Skin Sens. 1 - H317

Skin Sens

0.2074

Elicit Sens

2.074

Skin Sens	0.2074
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Elicit Sens	2.074
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3.5 Germ Cell Mutagenicity

Not Classified

nickel sulfate

Below Cut Off%

Muta. 2 - H341

Route of Entry (GHS calculation)

Not specific

Muta 1A

--

Muta 1B

--

Muta 2

--

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Muta 1A 0.0

Muta 1B 0.0

Muta 2 0.0

3.6 Carcinogenicity

Not Classified

nickel sulfate Below Cut Off%

Carc. 1A - H350i

Route of Entry (GHS calculation)	Carc 1A	Carc 1B	Carc 2
Not specific	--	--	--
Carc 1A	0.0		
Carc 1B	0.0		
Carc 2	0.0		

3.7 Reproductive Toxicity

Not Classified

nickel sulfate Below Cut Off%

Repr. 1B - H360D

Route of Entry (GHS calculation)	Fertility	Development	Unspecified
Not specific	--	--	--
Fertility	0.0		
Development	0.0		
Unspecified	0.0		

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)

Not Classified

3.9 Specific Target Organ Toxicity - Repeated Exposure

Not Classified

manganese sulphate Below Cut Off%

STOT RE 2 - H373

Route of Entry (GHS calculation)	STOT RE 1	STOT RE 2
Not specific	--	--

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nickel sulfate Below Cut Off%

STOT RE 1 - H372

Route of Entry (GHS calculation)	STOT RE 1	STOT RE 2
Not specific	--	--
STOT RE 1	0.0	
STOT RE 2	0.0	

3.10 Aspiration Hazard

Not Classified

Environmental Hazards

4.1.1 Hazardous to the Aquatic Environment Short Term (Acute)

Not Classified

nickel sulfate Below Cut Off%

Aquatic Acute 1 - H400

M-Factor		Aquatic Acute 1
1.0		--
Aquatic Acute 1	0.0	
Total of % unknowns	0.0	

Unknowns calculation used Low

4.1.2 Hazardous to the Aquatic Environment Long Term (Chronic)

Not Classified

manganese sulphate Below Cut Off%

Aquatic Chronic 2 - H411

Degradability	M-Factor	Aquatic Chronic 1	Aquatic Chronic 2	Aquatic Chronic 3	Aquatic Chronic 4
--	--	--	--	--	--

nickel sulfate Below Cut Off%

Aquatic Chronic 1 - H410

Degradability	M-Factor	Aquatic Chronic 1	Aquatic Chronic 2	Aquatic Chronic 3	Aquatic Chronic 4
--	1.0	--	--	--	--

Aquatic Chronic 1 0.0

Aquatic Chronic 2 0.0

Aquatic Chronic 3 0.0

Aquatic Chronic 4 0.0

Total of % unknowns 0.0

Unknowns calculation used Low

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5.1 Hazardous to the ozone layer

Not Classified