

SAFETY DATA SHEET

Lamb Kick Start

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

1.1. Product identifier

Product name Lamb Kick Start
Product number 1479B

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

Identified uses Animal feed supplement.

1.3. Details of the supplier of the safety data sheet

Supplier
Rumenco T/A Nettex Ltd
Hoo Industrial Estate
Vicarage Lane
Hoo
Rochester
Kent
ME3 9LB
+44 (0) 1634 257 150

1.4. Emergency telephone number

Emergency telephone +44(0)1634 257150 (Office hours: 8am - 6pm)

National emergency telephone number UK Consumers: NHS 111. Medical Professionals: www.toxbase.org

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements H412 Harmful to aquatic life with long lasting effects.
Precautionary statements P273 Avoid release to the environment.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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cobalt sulfate		<0.01%
CAS number: 10124-43-3	EC number: 233-334-2	
M factor (Acute) = 10	M factor (Chronic) = 10	

Classification

Acute Tox. 4 - H302
 Eye Irrit. 2 - H319
 Resp. Sens. 1 - H334
 Skin Sens. 1 - H317
 Muta. 2 - H341
 Carc. 1B - H350i
 Repr. 1B - H360F
 Aquatic Acute 1 - H400
 Aquatic Chronic 1 - H410

sodium benzoate		<1%
CAS number: 532-32-1	EC number: 208-534-8	REACH registration number: 01-2119460683-35-XXXX

Classification

Eye Irrit. 2 - H319

2,6-di-tert-butyl-p-cresol		<1%
CAS number: 128-37-0	EC number: 204-881-4	REACH registration number: 01-2119555270-46-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	

Classification

Aquatic Acute 1 - H400
 Aquatic Chronic 1 - H410

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	Due to the physical nature of this product, exposure by this route is unlikely.
Ingestion	No special treatment required.
Skin contact	No special treatment required.
Eye contact	Rinse with water.

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

General information	Treat symptomatically.
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4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable.
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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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wipe up with an absorbent cloth and dispose of waste safely.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions No specific recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool 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

cobalt sulfate

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

Carc, Sen
as Co

sodium benzoate

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

2,6-di-tert-butyl-p-cresol

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

WEL = Workplace Exposure Limit
Carc = Capable of causing cancer and/or heritable genetic damage.
Sen = Capable of causing occupational asthma.

propane 1,2-diol (CAS: 57-55-6)

DNEL

Workers - Inhalation; Long term systemic effects: 186 mg/m³
Workers - Inhalation; Long term local effects: 10 mg/m³
General population - Inhalation; Long term systemic effects: 50 mg/m³
General population - Inhalation; Long term local effects: 10 mg/m³

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8.2. Exposure controls

Appropriate engineering controls	Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	No specific eye protection required during normal use.
Hand protection	No specific requirements are anticipated under normal conditions of use.
Hygiene measures	No specific measures identified.
Respiratory protection	Respiratory protection not required.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Mobile liquid.
Colour	Dark brown.
pH	pH (concentrated solution): 4-6
Initial boiling point and range	100°C
Relative density	Nom 1.12

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat. Avoid freezing.
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10.5. Incompatible materials

Materials to avoid	None known.
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10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Skin corrosion/irritation

Skin corrosion/irritation	No information available.
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Serious eye damage/irritation

Serious eye damage/irritation	No information available.
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Respiratory sensitisation

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Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	No information available.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	No specific test data are available.
<u>Carcinogenicity</u>	
Carcinogenicity	No specific test data are available.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	No specific test data are available.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	No information available.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	No information available.
<u>Aspiration hazard</u>	
Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.
<u>General information</u>	
General information	Only large quantities are likely to have adverse effects on human health.
Ingestion	No adverse effects known.
Skin contact	The product is considered to be a low hazard under normal conditions of use.
Eye contact	May cause discomfort.

SECTION 12: Ecological Information

Ecotoxicity	Harmful to aquatic life with long lasting effects.
<u>12.1. Toxicity</u>	
<u>12.2. Persistence and degradability</u>	
Persistence and degradability	No data available.
<u>12.3. Bioaccumulative potential</u>	
Bioaccumulative potential	No information available.
<u>12.4. Mobility in soil</u>	
Mobility	The product is water-soluble and may spread in water systems.
<u>12.5. Results of PBT and vPvB assessment</u>	
Results of PBT and vPvB assessment	No data available.
<u>12.6. Other adverse effects</u>	
Other adverse effects	None known.

SECTION 13: Disposal considerations

<u>13.1. Waste treatment methods</u>	
General information	Dispose of waste product or used containers in accordance with local regulations

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Disposal methods 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 MARPOL 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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 05/01/2018

SDS number 5225

Hazard statements in full H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H341 Suspected of causing genetic defects.
H350i May cause cancer by inhalation.
H360F May damage fertility.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.