

# SAFETY DATA SHEET

## Sheep drench (without Copper)

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

#### 1.1. Product identifier

**Product name** Sheep drench (without Copper)  
**Product number** 5660

#### 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](http://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** Eye Irrit. 2 - H319 Carc. 1B - H350 Repr. 1B - H360F  
**Environmental hazards** Aquatic Chronic 2 - H411

#### 2.2. Label elements

##### Pictogram



**Signal word** Danger

**Hazard statements**  
 H319 Causes serious eye irritation.  
 H350 May cause cancer.  
 H360F May damage fertility.  
 H411 Toxic to aquatic life with long lasting effects.  
 EUH208 Contains cobalt sulfate. May produce an allergic reaction.

## Sheep drench (without Copper)

<b>Precautionary statements</b>	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
---------------------------------	--

**Contains** cobalt sulfate

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>zinc glycinate</b>	<b>1-5%</b>
CAS number: 68-19-9	EC number: 200-680-0
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>citric acid</b>	<b>1-5%</b>
CAS number: 77-92-9	EC number: 201-069-1
<b>Classification</b>	
Eye Irrit. 2 - H319	
<b>cobalt sulfate</b>	<b>&lt;1%</b>
CAS number: 10124-43-3	EC number: 233-334-2
M factor (Acute) = 10	M factor (Chronic) = 10
<b>Classification</b>	
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	

## Sheep drench (without Copper)

<b>2,6-di-tert-butyl-p-cresol</b> <span style="float: right;"><b>&lt;1%</b></span>		
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	
<b>Classification</b>		
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

<b>Inhalation</b>	Due to the physical nature of this product, exposure by this route is unlikely.
<b>Ingestion</b>	IF SWALLOWED: Give plenty of water to drink. Get medical attention if a large quantity has been ingested.
<b>Skin contact</b>	No special treatment required.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation persists after washing.
<b>Protection of first aiders</b>	No specific requirements are anticipated under normal conditions of use.

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

<b>General information</b>	The product is considered to be a low hazard under normal conditions of use. Treat symptomatically.
<b>Eye contact</b>	May cause irritation.

#### 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.

#### 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** Toxic to aquatic life with long lasting effects. 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** Large Spillages: Absorb spillage with non-combustible, absorbent material.

#### 6.4. Reference to other sections

## Sheep drench (without Copper)

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact during pregnancy/while nursing.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep container tightly sealed when not in use. Protect from freezing and direct sunlight.

#### 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/m<sup>3</sup>

Carc, Sen  
as Co

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

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

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/m<sup>3</sup>  
Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
General population - Inhalation; Long term systemic effects: 50 mg/m<sup>3</sup>  
General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

#### 8.2. Exposure controls

##### **Appropriate engineering controls**

Observe any occupational exposure limits for the product or ingredients.

##### **Personal protection**

Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.

##### **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**

Good personal hygiene procedures should be implemented.

##### **Respiratory protection**

No specific requirements are anticipated under normal conditions of use.

##### **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**

Hazy Liquid

##### **Colour**

Orange.

## Sheep drench (without Copper)

<b>Odour</b>	Mild.
<b>pH</b>	pH (concentrated solution): 2 - 3
<b>Initial boiling point and range</b>	Not relevant.
<b>Relative density</b>	Nom 1.07
<b>Solubility(ies)</b>	Completely soluble in water.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

##### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid freezing.

##### 10.5. Incompatible materials

**Materials to avoid** None known.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

##### Acute toxicity - oral

**ATE oral (mg/kg)** 23,148.15

##### Skin corrosion/irritation

**Skin corrosion/irritation** No information available.

##### Serious eye damage/irritation

**Serious eye damage/irritation** No specific test data are available.

##### Respiratory sensitisation

**Respiratory sensitisation** No information available.

##### Skin sensitisation

**Skin sensitisation** No information required.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** No information available.

##### Carcinogenicity

**Carcinogenicity** No specific test data are available.

## Sheep drench (without Copper)

### Reproductive toxicity

**Reproductive toxicity - fertility** No specific test data are available.

### Specific target organ toxicity - single exposure

**STOT - single exposure** No information available.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

### Aspiration hazard

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

### General information

Contains a substance/a group of substances which may damage fertility and the unborn child.

### Inhalation

The product is considered to be a low hazard under normal conditions of use.

### Ingestion

May cause discomfort if swallowed.

### Eye contact

Causes eye irritation.

### Acute and chronic health hazards

May cause cancer. May damage fertility.

### Medical considerations

Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.

## SECTION 12: Ecological Information

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

#### 12.1. Toxicity

##### **Toxicity**

No specific test data are available.

#### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

#### 12.3. Bioaccumulative potential

##### **Bioaccumulative potential**

No information available.

#### 12.4. Mobility in soil

##### **Mobility**

The product is soluble in water.

#### 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

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **General information**

This material and its container must be disposed of in a safe way.

#### **Disposal methods**

Dispose of waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

### 14.1. UN number

## Sheep drench (without Copper)

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

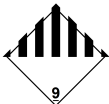
### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS cobalt sulfate, zinc glycinate)
<b>Proper shipping name (IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS cobalt sulfate, zinc glycinate)
<b>Proper shipping name (ICAO)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS cobalt sulfate, zinc glycinate)
<b>Proper shipping name (ADN)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS cobalt sulfate, zinc glycinate)

### 14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z

## Sheep drench (without Copper)

**Hazard Identification Number** 90  
(ADR/RID)

**Tunnel restriction code** (E)

### 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

**Guidance** Workplace Exposure Limits EH40.  
<http://echa.europa.eu>  
Supplier Safety Data Sheets

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Issued by</b>	HS&E Manager.
<b>Revision date</b>	19/01/2018
<b>Revision</b>	1
<b>SDS number</b>	5220
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H341 Suspected of causing genetic defects. H350 May cause cancer. 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. H411 Toxic to aquatic life with long lasting effects. EUH208 Contains cobalt sulfate. May produce an allergic reaction.