

SAFETY DATA SHEET

Orph Paste

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

1.1. Product identifier

Product name Orph Paste

Product number 4784

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

Identified uses Biocidal cream for sheep.

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)

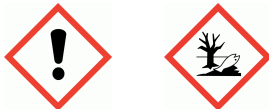
Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Orph Paste

Precautionary statements	<p>P261 Avoid breathing vapour/ spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
---------------------------------	---

Contains glutaraldehyde

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

benzyl benzoate	10-30%
CAS number: 120-51-4 EC number: 204-402-9	
Classification	
Acute Tox. 4 - H302 Aquatic Chronic 2 - H411	
calamine	1-5%
CAS number: 8011-96-9 M factor (Acute) = 1	
Classification	
Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	
white mineral oil (petrolatum)	1-5%
CAS number: 8042-47-5 EC number: 232-455-8	
Classification	
Asp. Tox. 1 - H304	
zinc oxide	1-5%
CAS number: 1314-13-2 EC number: 215-222-5 M factor (Acute) = 1 M factor (Chronic) = 1	
Classification	
Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

Orph Paste

glutaraldehyde		<1%
CAS number: 111-30-8	EC number: 203-856-5	REACH registration number: 01-2119455549-26-XXXX
M factor (Acute) = 1		
Classification		
Acute Tox. 3 - H301		
Acute Tox. 2 - H330		
Skin Corr. 1B - H314		
Resp. Sens. 1 - H334		
Skin Sens. 1A - H317		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		

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	IF SWALLOWED: Give plenty of water to drink. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

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

Ingestion	May cause stomach pain or vomiting. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
Skin contact	May cause skin sensitisation or allergic reactions in sensitive individuals.
Eye contact	Prolonged contact may cause redness and/or tearing. May cause 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	Extinguish with foam, carbon dioxide, dry powder or water fog.
-------------------------------------	--

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	Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.
--	--

SECTION 6: Accidental release measures

Orph Paste

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 Absorb spillage with sand or other inert absorbent.

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 Avoid contact with eyes.

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

glutaraldehyde

Long-term exposure limit (8-hour TWA): WEL 0.05 ppm 0.2 mg/m³

Short-term exposure limit (15-minute): WEL 0.05 ppm 0.2 mg/m³

Sen

WEL = Workplace Exposure Limit

Sen = Capable of causing occupational asthma.

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 For users with sensitive skin, it is recommended that suitable protective gloves are worn.

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

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 Cream

Colour Pale pink.

Odour Characteristic.

pH Not applicable.

Orph Paste

Flash point > 100°C

Relative density ~ 0.900

9.2. Other information

Other information None.

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 and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Avoid heat.

10.5. Incompatible materials

Materials to avoid None known.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 2,384.93

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 10.1

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

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact May cause sensitisation by skin contact. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

Eye contact May cause severe eye irritation.

SECTION 12: Ecological Information

Ecotoxicity The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Ecological information on ingredients.

Orph Paste

zinc oxide

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

glutaraldehyde

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 39 mg/l, *Cyprinodon variegatus* (Sheepshead minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 5.75 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants EC₅₀, 72 hours: 0.6 mg/l, *Scenedesmus subspicatus*

Acute toxicity - microorganisms EC₂₀, 30 minutes: 15 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 97 days: 1.6 mg/l, *Oncorhynchus mykiss* (Rainbow trout)

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 2.5 mg/l, *Daphnia magna*

dipentene

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

(+)-pin-2(3)-ene

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

p-mentha-1,4(8)-diene

Acute aquatic toxicity

Orph Paste

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

(R)-p-mentha-1,8-diene

Chronic aquatic toxicity

M factor (Chronic) 1

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product has poor water-solubility.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Confirm disposal procedures with environmental engineer and local regulations.

Disposal methods Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (ADN) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS benzyl benzoate, calamine)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS benzyl benzoate, calamine)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS benzyl benzoate, calamine)

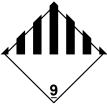
Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS benzyl benzoate, calamine)

Orph Paste

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
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(-)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

Orph Paste

EU legislation	<p>Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. 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).</p>
Guidance	<p>Workplace Exposure Limits EH40. http://echa.europa.eu www.hse.gov.uk Supplier Safety Data Sheets</p>

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	HS&E Manager.
Revision date	24/09/2018
Revision	3
Supersedes date	11/05/2018
SDS number	4897
Hazard statements in full	<p>H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H330 Fatal if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. 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.</p>

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.