

## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### Product identifier:

Identification as on the label/Trade name: Artimud

Global Shipment Identification Number: 5060424280414

### Relevant identification uses of the substance and uses advised against:

Identified uses: Horse hoof putty.

Uses advised against: No other uses are advised.

### Details of the Supplier of the Safety Data Sheet:

Red Horse Products Ltd  
Oak Farm, Harpsden Bottom  
Henley-on-Thames  
OXON, RG9 4HY  
United Kingdom  
+44-844-870-0968

### Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-800-424-9300 (USA)

NHS: 111 (UK)

## Section 2: Hazards Identification

### Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

#### Hazard classes/Hazard categories:

Skin sensitizer (Category 1)

Aquatic chronic (Category 2)

#### Hazard statement:

H317

H411

### Label elements:

#### Hazard pictograms:



Signal word: Warning.

#### Hazard statements:

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

EUH208 Contains Eucalyptus globulus, ext. May produce an allergic reaction.

#### Precautionary statements:

##### Prevention

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves.

**Response**

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P317 If skin irritation or rash occurs: Get medical help.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

**Disposal**

P501 Dispose of contents/container in accordance with local regulations.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture:** Mixture.

**Ingredients:**

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
zinc oxide	1314-13-2	10-20%	-	Aquatic Acute 1 H400 Aquatic Chronic 1 H410
	215-222-5			
Eucalyptus globulus, ext.	84625-32-1	1-5%	-	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 2 H411
	283-406-2			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4: First-Aid Measures

**Description of first aid measures:**

**General information:** In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

**After inhalation:** Ensure supply of fresh air.

**After skin contact:** When in contact with the skin, clean with soap and water.

**After eye contact:** Separate eyelids, wash the eyes thoroughly with water for 15 minutes.

**After ingestion:** Rinse out mouth and give plenty of water to drink. Administer activated charcoal.

**Most important symptoms and effects, both acute and delayed:**

No further information available.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically and supportively.

## Section 5: Fire-Fighting Measures

### Extinguisher media:

**Suitable extinguishing media:** Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

**Special exposure hazards arising from product:** None known.

**Special protective equipment for fire-fighters:** Appropriate breathing apparatus may be required.

**Other information:** Collect contaminated firefighting water separately, must not be discharged into the drains.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

Refer to protective measures listed in sections 7 (Handling and Storage) and 8 (Exposure Controls and Personal Protection).

**Environmental precautions:** Do not discharge into the drains/surface waters/groundwater.

### Methods for containment and cleaning up:

Wipe up spilled material and place into suitable container. Dispose of in accordance with local regulations. Rinse surface thoroughly to remove residual contamination.

## Section 7: Handling and Storage

### Precautions for safe handling:

Wear personal protective equipment.

**Advice on general occupational hygiene:** Do not eat, drink, or smoke when handling this product.

### Conditions for safe storage, including incompatibilities:

Keep container tightly closed and dry in a cool, well-ventilated place. Keep in original packaging only.

**Specific end uses:** Use only as directed.

## Section 8: Exposure Controls and Personal Protection

### Control parameters:

#### **Occupational exposure limits:**

**Zinc oxide, CAS 1314-13-2**

List of approved workplace exposure limits (WELs) / EH40

total respirable dust: TWA 10 mg/m<sup>3</sup>

respirable dust: TWA 4 mg/m<sup>3</sup>

### Exposure control:

**Appropriate engineering controls:** It is recommended to design all work processes so that the following is minimized: Skin contact.

### Individual protection measures, such as personal protective equipment:

**Respiratory protection:** No special respiratory protection required.

**Hand protection:** Protective gloves (EN 374).

**Eye protection:** Safety glasses (EN 166).

**General protective and hygiene measures:** Do not eat, drink, or smoke during work time. After worktime and during work intervals the affected skin areas must be thoroughly cleaned. Store work clothing separately.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties:

**Appearance (form):** Solid (clay).

**Colour:** Grey.

**Odour:** Eucalyptus.

**pH:** No data available.

**Melting point/range (°C):** No data available.

**Boiling point/range (°C):** No data available.

**Flash point (°C):** No data available.

**Evaporation rate:** No data available.

**Flammability (solid, gas):** No data available.

**Upper/lower explosive limits:** No data available.

**Vapour pressure (20 °C):** No data available.

**Vapour density:** No data available.

**Relative density (20 °C):** No data available.

**Water solubility (g/L) at 25 °C:** Slight.

**n-Octanol/Water partition coefficient:** No data available.

**Auto-ignition temperature:** No data available.

**Decomposition temperature:** No data available.

**Viscosity, dynamic (mPa.s):** No data available.

## Section 10: Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** Stable under normal conditions of use and storage.

**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.

**Conditions to avoid:** None known.

**Incompatible materials:** Strong acids, strong bases.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. ZnO fumes may be generated during thermal processing.

## Section 11: Toxicological Information

### Information on toxicological effects:

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No data available.

**Serious eye damage/irritation:** No data available.

**Respiratory or skin sensitization:** May cause an allergic skin reaction.

**Germ cell mutagenicity:** No data available.

**Carcinogenicity:** Not data available.

**Reproductive toxicity:** No data available.

**STOT-single exposure:** No data available.

**STOT-repeated exposure:** No data available.

**Aspiration hazard:** No data available.

## Section 12: Ecological Information

**Toxicity:** Toxic to aquatic life with long lasting effects.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Results of PBT& vPvB assessment:** No data available.

## Section 13: Disposal Considerations

**Waste treatment methods:** Dispose of in accordance with local regulations.

**Product/packaging disposal:** Dispose of as unused product.

## Section 14: Transport Information

**UN number:** 3077

**UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**Transport hazard class:** 9

**Packing group:** III

**Special precautions for user:** Refer to Sections 6 – 8

## Section 15: Regulatory Information

### Safety, health and environmental regulations/legislation for the mixture:

**Relevant information regarding restrictions:** None known.

**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP]

**US Regulations:**

**SARA Title III Section 302/304 Extremely Hazardous Substance:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA Title III Section 311/312 Hazard Categorization:** Acute Health Hazard.

**SARA Title III Section 313 Supplier Information:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**CERCLA Section 102(a) Hazardous Substance:** This material does not contain any chemical components with CERCLA reportable quantities.

**California Proposition 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Chemical Safety Assessment carried out:** No.

## Section 16: Other Information

**Indication of changes:** GHS aligned.

**Relevant classification and H statements (number and full text):**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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.

**Training instructions:** Use as instructed.

**Further information:** This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to readers:** Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.