



Shep-Fair Products Limited, Wonastow Industrial Estate West, Monmouth NP25 5JA
Tel: 01600 710707 Fax: 01600 710701 info@shepfair.co.uk www.shepfair.co.uk

Chemical Safety Data Sheet

Golden Hoof and Golden Hoof Plus

Identification of the Substance/Preparation and the Company Undertaking

Chemical Name : Golden Hoof / Golden Hoof Plus
Synonyms : None
Chemical Formula : $ZnSO_4 \cdot 6H_2O$
Supplier : Shep-Fair Products, Wonastow Industrial Estate West,
Monmouth, Monmouthshire, NP25 5JA.
Telephone Number : 01600 710707
Fax Number : 01600 710701

1. Composition/Information on ingredients

Chemical Name	CAS-No	%	EINECS-NR	EC-No	Symbol(s)	R-phrases
Zinc Sulphate Hexahydrate	7733-02-0	98	231-793-3	030-006-00-9	Xi,N	36/38/50/53

2. Hazards Identification

Physical/Chemical hazards : Low hazard
Environmental hazards : Toxic to aquatic organisms. Dangerous to the Environment.
Human health hazards : Irritating to eyes and skin.

3. First Aid Measures

Effects and symptoms

Ingestion	Ingestion will cause diarrhoea and gastrointestinal disturbance.
Inhalation	Irritating to respiratory system.
Skin contact	Prolonged contact may cause skin irritation.
Eye contact	May cause eye irritation.
<u>First aid measures</u>	
Ingestion	Drink plenty of water. Consult a Physician.
Inhalation	Move to fresh air.
Skin contact	Wash off immediately with plenty of water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.

<p>4. <u>Fire-fighting Measures</u></p> <p>Flammability Suitable extinguishing media Suitable</p> <p>Not suitable Hazardous decomposition products Special protective equipment for firefighters</p>	<p>Non-flammable</p> <p>Water, dry powder, foam carbon dioxide (CO₂)</p> <p>When heated to decomposition emits toxic fumes of SO_x Keep upwind. Wear chemical protective suit and breathing apparatus.</p>
<p>5. <u>Accidental Release Measures</u></p> <p>Personal precautions Environmental precautions</p> <p>Methods for cleaning up</p>	<p>Wear gloves. Ensure adequate ventilation. Do not flush into surface water or sanitary sewer system. Shovel or sweep up into a plastic bag for disposal.</p>
<p>6. <u>Handling and storage</u></p> <p>Storage/handling Packaging Material Suitable Not suitable</p>	<p>Store in tightly closed containers.</p> <p>Polyethylene containers.</p>
<p>7. <u>Exposure controls/personal protection</u></p> <p>National Occupational Exposure limits Chemical Name OEL (United Kingdom)</p> <p>Recommended monitoring procedures Personal protection equipment Respiratory protection Skin and body protection Hand protection Eye protection</p>	<p>Zinc Sulphate 10mg/m³ 8-hour TWA Total Inhalable Dust 4 mg/m³ 8-hour TWA Total Respirable Dust</p> <p>Dust mask when handling bulk quantities. Lightweight protective clothing. Chemically resistant rubber gloves. Safety goggles.</p>
<p>8. <u>Physical and Chemical Properties</u></p> <p>Form Colour Odour Molecular weight Boiling point/range</p> <p>Melting point/range Freezing point Decomposition temperature Bulk Density Specific gravity (H₂O = 1) pH Solubility</p>	<p>Crystal. White. None. 269.39</p> <p>2g per cubic centimetre</p> <p>4.0 - 5.2 (5%) 630gpl in water at 20°C</p>

9.	<u>Stability and Reactivity</u> Stability Conditions to avoid Materials to avoid Hazardous decomposition products	Stable. Strong heating Oxidising agents SO _x produced on heating to decomposition.
10.	<u>Toxicological Information</u> Main constituent(s) Acute toxicity Oral Inhalation Skin irritation	Zinc Sulphate Hexahydrate LD50,oral rat, = 1710 mg/kg for Zinc Sulphate. Intake of large quantities leads to digestive disorders, possible damage to the kidneys, blood pressure drops, cardiovascular disorders, collapse. Irritant effect on mucous membranes. Irritant effect on skin.
11.	<u>Ecological Information</u> Persistence and degradability Ecotoxicity effects.	Not Biodegradable-highly water contaminating. Rainbow trout toxicity, 7days Lx: 0.014 - 0.01
12.	<u>Disposal Considerations</u> Methods of disposal Other information	Do not contaminate ponds, waterways or ditches with product or solution. Should it be necessary to dispose of unused product or reusable solution, contact your nearest Environment Agency for advice
13.	<u>Transport Information</u> UN- No IMDG/ADR Class IATA Class UN Packing group	3077 - Environmentally Hazardous Substance Solid, N.O.S. Class 9 Class 9 III
14.	<u>Regulatory Information</u> EC Regulations EC Classification (67/548/EEC-88/379/EEC-92/32/EEC) Label name R-phrases(s) S-phrases(s)	Xi - Irritant, N - Dangerous to the Environment ZINC SULPHATE HEXAHYDRATE R36/38 - Irritating to eyes, and skin, R50/53 - Very toxic for water-borne organisms. S2 - Keep out of reach of children, S22 - Do not breathe dust. S24 - Avoid contact with skin. S25 - Avoid contact with eyes. S60 - This material and/or its container must be disposed of as hazardous Waste. S61 - avoid releasing into the atmosphere or environment. Obtain special instructions - consult safety data sheet.