

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Annex II, with its amendment Regulation (EU) 2015/830

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

#### 1.1. Product identifier

Product name **Azasure**

Product Registration No. Marketing Authorisation Number (UK): VM 49145/4000  
Markedsføringstillatelse nummer (Norway): 13-9411

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

Relevant identified uses Aquaculture sea lice treatment (parasiticide)  
Uses advised against No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Supplier Ground Animal Health Ltd  
Unit 8, Dock Offices, Surrey Quays Road, London, England, SE16 2XU  
+86 574 86503825  
sfcc@sfcc.com.cn

#### 1.4. Emergency telephone number

Emergency telephone +86 574 86503825  
National emergency telephone number UK: 111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

- Acute Toxicity, Oral (Category 4), H302
- Sensitisation, Skin (Category 1), H317
- Eye Irritation (Category 2), H319
- Aquatic Acute (Category 1), H400
- Aquatic Chronic (Category 1), H410

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Pictogram



GHS07



GHS09

Signal word Warning

Hazard statements  
H302 - Harmful if swallowed.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements  
P102 - Keep out of reach of children.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.

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

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P501 - Dispose of contents/container in accordance with national regulations.

### **2.3. Unclassified Hazards/Hazards Not Otherwise Classified**

No data available

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

### **3.1. Substances**

Not applicable

### **3.2. Mixtures**

Azamethiphos 30-60%

CAS number: 35575-96-3 EC number: 252-626-0

Classification according to Regulation (EC) No. 1272/2008

Acute Toxicity, Oral (Category 4), H302

Acute Toxicity, Inhalation: gas (Category 4), H332

Sensitisation, Skin (Category 1), H317

Eye Irritation (Category 2), H319

Aquatic Acute (Category 1), H400

Aquatic Chronic (Category 1), H410

Naphthalenesulfonic acids, polymers with formaldehyde and sulfonated phenol, sodium salts 1-5%

CAS number: 67784-97-8

Classification according to Regulation (EC) No. 1272/2008

Eye Irritation (Category 2), H319

Aquatic Chronic (Category 3), H412

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General Advice**

If medical attention is required, show this safety data sheet to the doctor.

#### **Inhalation**

IF INHALED: move person to fresh air. If not breathing, give artificial respiration and consult a physician. Get medical attention if you feel unwell. Show this Safety Data Sheet to the medical personnel.

#### **Ingestion**

IF SWALLOWED: Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not induce vomiting unless advised to do so by a physician or Poison Control Center. Get medical attention if you feel unwell. Show this Safety Data Sheet to the medical personnel.

#### **Skin contact**

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact**

Wash with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

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

Signs and symptoms of overexposure to this product include headache, asthmatic symptoms, and chest tightness, breathing difficulty, coughing, eye irritation, blurred vision, skin irritation, diarrhea, tingling or numbness and changes in blood pressure.

Severe poisoning can include general muscle twitching, loss of coordination, extreme difficulty with breathing and convulsions which may lead to unconsciousness in the absence of medical treatment.

**Inhalation**

High concentrations may be fatal.

**Eye contact**

The product is irritating to eyes and skin.

**4.3. Indication of any immediate medical attention and special treatment needed****Notes for the doctor**

Contains organophosphorous pesticide

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray, foam, dry powder or carbon dioxide.

**5.2. Special hazards arising from the substance or mixture****Hazardous combustion products**

Toxic gases or vapours.

**5.3. Advice for firefighters****Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

**6.2. Environmental precautions****Environmental precautions**

Very toxic to aquatic life. 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**

Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Avoid generation and spreading of dust. Wash thoroughly after dealing with a spillage. Ventilate area after spill.

#### 6.4. Reference to other sections

##### Reference to other sections

For personal protection, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin, eyes and clothing. Do not breathe dust. Avoid prolonged or repeated exposure.

##### Advice on general occupational hygiene

Persons with impaired lung function should not handle this product. Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Change work clothing daily before leaving workplace. Wash skin thoroughly after handling. Use appropriate skin cream to prevent drying of skin.

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

##### Storage conditions

Store in tightly-closed, original container in a dry and cool place. Keep locked up and out of the reach of children. Use appropriate containment to avoid environmental contamination.

##### Incompatible products

Strong bases, Strong acids.

##### Incompatible materials

Keep away from sources of ignition and heat.

#### 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

##### Azamethiphos

No Occupational Exposure Limits available.

##### Naphthalene sulfonic acid, polymers with formaldehyde and sulfonated phenol, sodium salts

No Occupational Exposure Limits available.

##### Azamethiphos (CAS: 35575-96-3)

PNEC

PNEC / EQS - Marine water; 3 hour after release within mixing zone 250 ng/l

PNEC / EQS - Marine water; 72 hour after final release within mixing zone 100 ng/l

PNEC / EQS - Marine water; 72 hour after final release outside mixing zone 40 ng/l

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

##### Personal protection

Wear suitable protective clothing (waterproof coveralls).

#### **Eye/face protection**

The following protection should be worn: Full face visor or shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### **Hand protection**

It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gauntlets made of the following material: Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### **Other skin and body protection**

Renew protective clothing and gloves regularly. Replace protective clothing and gloves immediately if cracked or damaged. Provide eyewash station and safety shower.

#### **Hygiene measures**

Wash hands thoroughly after handling. Wash skin thoroughly after handling.

#### **Respiratory protection**

Respiratory protection may be required if excessive airborne contamination occurs. Wear a full facepiece respirator fitted with the following cartridge: Particulate filter, type P1. Particulate filters should comply with European Standard EN143.

#### **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	Powder
Odour	Characteristic
Odour threshold	No data available
pH	pH (1%): 3-7
Melting point	Not applicable
Freezing point	Not applicable
Boiling point	No data available
Flash point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.60 g/cm <sup>3</sup> (active substance)
Solubility	Dispersible
Partition coefficient	log Pow: 1.07 (active substance)
Auto-ignition temperature	No self-ignition
Decomposition temperature	No data available
Viscosity	Not applicable
Explosive properties	No data available
Oxidising properties	No data available

### **9.2. Other information**

No additional information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

Strong acids, strong bases.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	ATE oral (mg/kg): 2,360.0
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

**SECTION 12: Ecological Information****Ecotoxicity**

Very toxic to aquatic life.

**12.1. Toxicity****Acute toxicity - fish**

LC<sub>50</sub>, 96 hour: 0.1 mg/l, *Gasterosteus aculeatus* (Three-spined stickleback)

**Acute toxicity - aquatic invertebrates**

LC<sub>50</sub>, 96 hour: 0.00052 mg/l, *Homarus gammarus* (Marine invertebrate)

**Acute toxicity - aquatic plants**

EC<sub>50</sub>, 72 hour: >1 mg/l, *Phaeodactylum tricornutum* (Marine algae)

**12.2. Persistence and degradability****Persistence and degradability**

The product is biodegradable.

**Biodegradation**

Water – DT<sub>50</sub> : ≤ 4.56 days

**12.3. Bioaccumulative potential****Partition coefficient**

log Pow: 1.07 (active substance)

#### **12.4. Mobility in soil**

##### **Mobility**

Mobile.

#### **12.5. Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

#### **12.6. Other adverse effects**

Avoid release to the environment.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### **SECTION 14: Transport information**

#### **14.1. UN number**

UN 3077

#### **14.2. UN proper shipping name**

Environmentally hazardous substance, solid, N.O.S (azamethiphos)

#### **14.3. Transport hazard class(es)**

ADR/RID class	9
IMDG class	9
ICAO class/division	9
Transport labels	

#### **14.4 Packing group**

III

#### **14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant



Yes.

#### **14.6. Special precautions for user**

EmS-No.	F-A, S-F
Transport category (ADR)	3
Hazard Identification Number (ADR/RID)	60

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

### **SECTION 15: Regulatory information**

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

Water hazard classification

WGK 3

### EU-Regulations

Contains no REACH Annex XIV substances.

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

#### EU - EINECS/ELINCS

EINECS

## SECTION 16: Other information

Revision History

Version 1.0

Revision date

10/03/2022

Key literature references and sources for data

Regulation (EC) No. 1272/2008

Regulation (EC) No. 1907/2006 (REACH)

Hazard statements in full

H302 - Harmful if swallowed.

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