

Kusuri Products Limited

www.kusuri.co.uk



SAFETY DATA SHEET FLUKE M

Compilation date: 28/05/2015

Revision No: 1

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

1.1 Product identifier

Product name: FLUKE M 65g, 130g (twin pack).

CAS number: Flubendazole: 31430-15-6

Product code: FLU1, FLU2.

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

Recommended use: Aquatic fish medication for Koi Carp

Not recommended: For any other species

1.3. Details of the supplier of the safety data sheet

Company name: Kusuri Products Limited
12 Wentworth Road
Heathfield Industrial Estate
Newton Abbot
Devon
TQ12 6TL
United Kingdom

Tel: +44 (0)1626 836600

Fax: +44 (0)1626 836700

Email: kay@kusuri.co.uk QM

1.4. Emergency telephone number

Emergency Tel: +44 (0)1626 836600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Not classifiable

Most important adverse effects: None

2.2. Label elements

Hazard statements: None.

Signal words: None.

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Hazard pictograms: None.

Precautionary statements: None.

Hazards not otherwise classified: May be harmful if swallowed.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

vPvB: This product is not identified as a vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: Flubendazole.

CAS number: 3140-15-6

EC number: 250-624-4

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: If person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: If this chemical contacts the eyes, promptly wash (irrigate) the eyes with large amounts of water, occasionally lifting the lower and upper eyelids.

Inhalation: If a person breathes large amounts of this chemical, move the exposed person to fresh air at once.

Ingestion: If swallowed, seek medical advice immediately and show the package or label.

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

Skin contact: No data available.

Eye contact: No data available.

Inhalation: No data available.

Ingestion: No data available.

Delayed / immediate effects: No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: This product includes: Carbon oxides Nitrogen oxides Halogenated compounds.

WARNING: Highly toxic HF gas is produced during combustion.

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5.3. Advice for fire-fighters

Advice for fire-fighters: Not available.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (See section 8).

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: In case of a spill and/or leak, always shut off any sources of ignition, ventilate the area, and exercise caution.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS for protective clothing. For disposal see section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing. Avoid inhalation of powder. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area below between 12°C and 25°C. Keep container tightly closed. Keep away from sources of ignition, heat and oxidising agents.

7.3. Specific end use(s)

Specific end use(s): Aquatic fish medication for Koi Carp.

Caution: Do not exceed the recommended dosage on label.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: N/A

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Follow safe industrial engineering/laboratory practices when handling any chemical.

Respiratory protection: Be sure to use a MSHA/NIOSH approved respirator or equivalent.

Hand protection: Protective Nitrile or Latex gloves. EN 374 (EU)

Eye protection: Eye protection, safety goggles. EN 166 (EU).

Skin protection: Protective clothing.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: White

Melting point/range: 260°C (500°F)

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Not available.

10.2. Chemical stability

Chemical stability: Stable under recommended storage conditions. (See section 7).

10.3. Possibility of hazardous reactions

Hazardous reactions: No hazardous reactivity has been reported.

10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidising agents.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Flubendazole:	Less than 5% in weight	
Acute toxicity - oral	LD ₅₀ > 2560 mg/kg	Based on test data
Skin corrosion/irritation	No data available	No data available
Serious eye damage/irritation	No data available	No data available
Respiratory or skin sensitisation	No data available	No data available
Germ cell mutagenicity: mms-sat 500 nmol/L (-S9)	sce-mus-ipr 100 mg/kg	Based on test data
Carcinogenicity:	No data available	No data available
Reproductive toxicity – oral-rat	TDLo > 320 mg/kg (8-15D preg)	Based on test data

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Symptoms / routes of exposure

- Skin contact:** May cause irritation to skin.
- Eye contact:** May be harmful with contact to eyes.
- Ingestion:** May be harmful if swallowed.
- Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.
- Delayed / immediate effects:** Overexposure may result in serious illness or death.

Section 12: Ecological information

12.1. Toxicity

- Flubendazole:** **Less than 5% in weight**
- Fish:** No data available.
- Crustacea:** No data available.
- Aquatic plants:** No data available.
- Fish early life stage:** No data available.
- Aquatic invertebrates:** No data available.
- Ecotoxicity:** No data available.

12.2. Persistence and degradability

- Persistence and degradability:** No data available.

12.3. Bioaccumulative potential

- Bioaccumulative potential:** No data available.

12.4. Mobility in soil

- Mobility in soil:** No data available.

12.5. Results of PBT and vPvB assessment

- PBT identification:** This product does not contain any substances classified as PBT.
- vPvB:** This product does not contain any substances classified as vPvB.

12.6. Other adverse effects

- Other adverse effects:** No further relevant information available.

Section 13: Disposal considerations

13.1. Waste treatment methods

- Disposal operations:** Transfer to a suitable container and contact your local waste disposal authority for advice. Do not allow product to reach sewage system.
- NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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Section 14: Transport information

14.1. UN number

UN number: ADR, AND, IMDG, IATA N/A

14.2. UN proper shipping name

Shipping name: ADR, AND, IMDG, IATA Not dangerous goods

14.3. Transport hazard class(es)

Transport class: ADR, AND, IMDG, IATA N/A

14.4. Packing group

Packing group: ADR, AND, IMDG, IATA N/A

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions

Tunnel code: N/A

Transport category: N/A

Section 15: Regulatory information

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

Manufacturers licence No: SAM0002 under VMD regulations.

COSHH: Control of Substances Hazardous to Health (COSHH) Regulations 2002

HSE: Health and Safety at Work Act 1974.

H.S.E. Guidance Note EH40 (Occupational Exposure Limits).

Dangerous Substances and Explosive Atmospheres Regulations 2002.

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

Manual Handling Operations Regulations 1992

EU legislation: 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).

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).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has been carried out.

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Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Abbreviations and acronyms: *ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LD₅₀: Lethal dose, 50 percent
TDL₀: Toxic dose low.