

# SAFETY DATA SHEET

HEALTHY ANIMALS. HEALTHY FOOD. HEALTHY WORLD.®



## Mecadox 2.5

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**GHS Product Information**

**Product Name:** Mecadox 2.5  
**Business Unit:** Phibro Animal Health Corporation  
**Other means of identification:** Not available

**Safety data sheet number:** 1131-100 -US-E

**Recommended use of the chemical and restrictions on use**

**Recommended use:** No information available.

**Uses advised against:** No information available

**Details of the supplier of the safety data sheet**

**Supplier:**  
Phibro Animal Health Corporation  
Glenpointe Centre East, 3rd FL  
300 Frank W. Burr Blvd., Ste 21  
Teaneck, NJ 07666-6712  
Tel: (201) 329-7300  
Toll free: (888) 475-7355  
Fax: (201) 329-7070

**SDS Contact (email of responsible person):** phibroehs@pahc.com

**Emergency Telephone:** In case of adverse events: 1-800-270-4912

**24 Hour Emergency Phone Number:** Chemtrec 1-800-424-9300 (CCN17224)

**International:** International Number: +1 703-527-3887

### 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 1B
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**Label elements**

**Emergency Overview****Danger****Hazard statements**

May cause cancer

**Appearance** No information available**Physical state** Solid**Odor** Cereal Odor

Precautionary Statements - Prevention  
 Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/ container to an approved landfill

**Hazards not otherwise classified (HNOC)****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture

Mixture

Chemical Name	CAS No.	Weight-%	Trade Secret
Calcium carbonate	72608-12-9	10 - 30	*
Carbadox	6804-07-5	0.1 - 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures****General advice:**

Immediate medical attention is required.

**Eye contact:**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.

**Inhalation:**

Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

**Skin Contact:**

Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Ingestion:** Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Drink plenty of water.

**Self-protection of the first aider:** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

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

**Symptoms:** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians:** Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical:** No information available.

**Explosion data**

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

**Protective equipment and precautions for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

**For emergency responders:** Use personal protection recommended in Section 8. Use personal protective equipment as required.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment:** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up:** Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## **7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials:** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Component	CAS No.	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium carbonate 72608-12-9 ( 10 - 30 )	72608-12-9	20 mg/m <sup>3</sup>	41 mg/m <sup>3</sup>	-

**Appropriate engineering controls**

**Engineering Controls:** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**General Hygiene Considerations:** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs.

**Eye/face protection:** Tight sealing safety goggles.

**Skin and body protection:** No special technical protective measures are necessary.

**Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Solid	<b>Odor</b>	Cereal Odor
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	yellow, yellow brown		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	No information available		
<b>Melting Point / Freezing Point</b>	No information available		
<b>Boiling point / boiling range</b>	No information available		
<b>Flash point</b>			
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	No information available		
<b>Lower flammability limit:</b>	No information available		
<b>Vapor pressure</b>	No information available		
<b>Vapor density</b>	No information available		
<b>Specific Gravity</b>	No information available		

<b>Water solubility</b>	No information available
<b>Solubility in other solvents</b>	
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available
<b>Percent Volatile</b>	No information available

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information:</b>	No data available
<b>Inhalation:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

**Component Information**

Chemical Name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Carbadox	6804-07-5	= 850 mg/kg ( Rat )	-	-

**Information on toxicological effects**

<b>Symptoms:</b>	No information available.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization:** No information available.  
**Germ cell mutagenicity:** No information available.  
**Carcinogenicity:** No information available.

**Reproductive toxicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Aspiration hazard:** No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 7727 13487

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	CAS No.	Algae/aquatic plants	Fish	Crustacea
Mineral oil	8042-47-5	-	10000: 96 h Lepomis macrochirus mg/L LC50	-
Calcium propionate	4075-81-4	500: 72 h Desmodium subspicatum mg/L EC50	10000: 96 h Leuciscus idus mg/L LC50 static	500: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**Other adverse effects:** No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes:** Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid runoff to waterways and sewers. Recover or recycle if possible. Send to a licensed recycler, reclaimer or incinerator.

**Disposal methods:** Do not reuse container.

**14. TRANSPORT INFORMATION**

**Note:** Store in a closed container. Keep container upright.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**TDG**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Not Determined
<b>DSL</b>	Not Determined
<b>NDSL</b>	Complies
<b>EINECS/ELINCS:</b>	Not Determined
<b>ENCS:</b>	Not Determined
<b>IECSC:</b>	Not Determined
<b>KECL:</b>	Not Determined
<b>PICCS:</b>	Not Determined
<b>AICS:</b>	Not Determined
<b>NZICS</b>	Does not comply
<b>TCSI</b>	Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**TCSI** - Taiwan

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**FIFRA**

Not applicable

**US State Regulations**

**U.S. State Right-to-Know Regulations**

No information available

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 0	Instability 0	Physical & Chemical Properties 0
<b><u>HMS</u></b>	Health hazards *1	Flammability 0	Physical hazards 0	Personal protection X

**Document Review**

Revision Number: 2

Revision Note: No information available

Key or legend to abbreviations and acronyms used in the safety data sheet:

Bioconcentration factor (BCF)  
 International Air Transport Association (IATA)  
 Globally Harmonized System (GHS)  
 International Maritime Dangerous Goods (IMDG)

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**End of Safety Data Sheet**