

Ovipast Plus Formulation

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|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

SECTION 1. IDENTIFICATION

Product identifier : Ovipast Plus Formulation

Manufacturer or supplier's details

Company : MSD

Address : Rua Coronel Bento Soares, 530
Cruzeiro - Sao Paulo - Brazil CEP 12730-340

Telephone : 908-740-4000

Emergency telephone : 1-908-423-6000

E-mail address : EHSDATASTEWARD@msd.com

Recommended use of the chemical and restrictions on use

Recommended use : Veterinary medicine

Restrictions on use : Not applicable

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification in accordance with ABNT NBR 14725 Standard

Skin sensitization : Category 1

GHS label elements in accordance with ABNT NBR 14725 Standard

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H317 May cause an allergic skin reaction.

Precautionary Statements :

Prevention:

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

P280 Wear protective gloves.

Response:

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

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

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

Ovipast Plus Formulation

Version 3.0 Revision Date: 20.06.2025 SDS Number: 6344692-00009 Date of last issue: 14.04.2025
 Date of first issue: 16.09.2020

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

| Chemical name | CAS-No. | Classification | Concentration (% w/w) |
|--------------------|--------------|--|------------------------|
| Aluminum hydroxide | 21645-51-2 | | ≥ 20 -< 30 |
| Antigen | Not Assigned | | ≥ 1 -< 5 |
| Maleic acid | 110-16-7 | Acute Tox. (Oral), 4 Acute Tox. (Dermal), 4 Skin Corr., 1B Eye Dam., 1 Skin Sens., 1 STOT SE, 3 Aquatic Acute, 3 | $\geq 0,1$ -< 0,25 |
| Thiomersal | 54-64-8 | Acute Tox. (Oral), 2 Acute Tox. (Inhalation), 2 Acute Tox. (Dermal), 1 Repr., 1B STOT RE, (Central nervous system, Cardio-vascular system, Gastrointestinal tract, Kidney) , 1 Aquatic Acute, 1 Aquatic Chronic, 1 | $\geq 0,0025$ -< 0,025 |

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
 When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
 Get medical attention if symptoms occur.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.
 Remove contaminated clothing and shoes.
 Get medical attention.
 Wash clothing before reuse.
 Thoroughly clean shoes before reuse.

In case of eye contact : Flush eyes with water as a precaution.
 Get medical attention if irritation develops and persists.

If swallowed : If swallowed, DO NOT induce vomiting.
 Get medical attention if symptoms occur.
 Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and : May cause an allergic skin reaction.

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

delayed
Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).

Notes to physician : Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : None known.

Specific hazards during fire fighting : Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Carbon oxides
Metal oxides

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).

Environmental precautions : Avoid release to the environment.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g., by containment or oil barriers).
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

- | | | |
|-----------------------------|---|--|
| Technical measures | : | See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. |
| Local/Total ventilation | : | Use only with adequate ventilation. |
| Advice on safe handling | : | Do not get on skin or clothing. Avoid breathing mist or vapors. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Take care to prevent spills, waste and minimize release to the environment. |
| Hygiene measures | : | If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls. |
| Conditions for safe storage | : | Keep in properly labeled containers. Store in accordance with the particular national regulations. |
| Materials to avoid | : | Do not store with the following product types: Strong oxidizing agents Gases |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|--------------------|------------|--|--|-------|
| Aluminum hydroxide | 21645-51-2 | TWA (Respirable particulate matter) | 1 mg/m ³ (Aluminum) | ACGIH |
| Thiomersal | 54-64-8 | TWA | 0,01 mg/m ³ (Mercury) | ACGIH |
| | | STEL | 0,03 mg/m ³ | ACGIH |

Ovipast Plus Formulation

| | | | |
|----------------|------------------------------|------------------------------|---|
| Version 3.0 | Revision Date: 20.06.2025 | SDS Number: 6344692-00009 | Date of last issue: 14.04.2025 Date of first issue: 16.09.2020 |
|----------------|------------------------------|------------------------------|---|

| | | | | |
|--|--|--|-----------|--|
| | | | (Mercury) | |
|--|--|--|-----------|--|

Engineering measures : Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).
All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.
Laboratory operations do not require special containment.

Personal protective equipment

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.

Filter type : Particulates type

Hand protection
Material : Chemical-resistant gloves

Eye protection : Wear safety glasses with side shields or goggles.
If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles.
Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.

Skin and body protection : Work uniform or laboratory coat.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : suspension

Color : off-white to beige, opaque

Odor : No data available

Odor Threshold : No data available

pH : 6,1 - 6,9

Melting point/freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower : No data available

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

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|--|--|
| flammability limit | |
| Vapor pressure | : similar to water |
| Relative vapor density | : No data available |
| Relative density | : 1 |
| Density | : 1 g/cm ³ similar to water |
| Solubility(ies) | |
| Water solubility | : soluble |
| Partition coefficient: n-octanol/water | : Not applicable |
| Autoignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | |
| Viscosity, dynamic | : No data available |
| Viscosity, kinematic | : No data available |
| Explosive properties | : Not explosive |
| Oxidizing properties | : The substance or mixture is not classified as oxidizing. |
| Molecular weight | : Not applicable |
| Particle characteristics | |
| Particle size | : Not applicable |

SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Reactivity | : Not classified as a reactivity hazard. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : Can react with strong oxidizing agents. |
| Conditions to avoid | : None known. |
| Incompatible materials | : Oxidizing agents |
| Hazardous decomposition products | : No hazardous decomposition products are known. |

SECTION 11. TOXICOLOGICAL INFORMATION

| | |
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| Information on likely routes of exposure | : Inhalation Skin contact Ingestion Eye contact |
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Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

Acute toxicity

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|---------------------------|---|
| Acute oral toxicity | : LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 423 Assessment: The substance or mixture has no acute oral toxicity |
| Acute inhalation toxicity | : LC50 (Rat): > 5,09 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Remarks: Based on data from similar materials |

Maleic acid:

| | |
|-----------------------|---|
| Acute oral toxicity | : LD50 (Rat): > 300 - 2.000 mg/kg Method: OECD Test Guideline 401 Remarks: Based on data from similar materials |
| Acute dermal toxicity | : LD50 (Rabbit): 1.560 mg/kg |

Thiomersal:

| | |
|---------------------------|--|
| Acute oral toxicity | : LD50 (Rat): 75 mg/kg Acute toxicity estimate: 10 mg/kg Method: Expert judgment Remarks: Based on national or regional regulation. |
| Acute inhalation toxicity | : Acute toxicity estimate: 0,1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgment Remarks: Based on national or regional regulation. |
| Acute dermal toxicity | : Acute toxicity estimate: 10 mg/kg Method: Expert judgment Remarks: Based on national or regional regulation. |

Skin corrosion/irritation

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|---------|---------------------------|
| Species | : Rabbit |
| Method | : OECD Test Guideline 404 |
| Result | : No skin irritation |

Maleic acid:

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

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| Species | : in vitro membrane barrier |
| Method | : OECD Test Guideline 435 |
| Result | : Corrosive after 3 minutes to 1 hour of exposure |

Serious eye damage/eye irritation

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|---------|---------------------------|
| Species | : Rabbit |
| Result | : No eye irritation |
| Method | : OECD Test Guideline 405 |

Maleic acid:

| | |
|---------|-----------------------------------|
| Result | : Irreversible effects on the eye |
| Remarks | : Based on skin corrosivity. |

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|--------------------|---------------------------|
| Test Type | : Maximization Test |
| Routes of exposure | : Skin contact |
| Species | : Guinea pig |
| Method | : OECD Test Guideline 406 |
| Result | : negative |

Maleic acid:

| | |
|--------------------|---------------------------|
| Test Type | : Maximization Test |
| Routes of exposure | : Skin contact |
| Species | : Guinea pig |
| Method | : OECD Test Guideline 406 |
| Result | : positive |

| | |
|------------|---|
| Assessment | : Probability or evidence of skin sensitization in humans |
|------------|---|

Germ cell mutagenicity

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|-----------------------|--|
| Genotoxicity in vitro | : Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 |
|-----------------------|--|

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

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| Genotoxicity in vivo | Result: negative Test Type: Chromosome aberration test in vitro Result: positive Remarks: Based on data from similar materials Test Type: DNA damage and repair, unscheduled DNA synthesis in mammalian cells (in vitro) Result: equivocal Remarks: Based on data from similar materials Test Type: in vitro micronucleus test Result: positive Remarks: Based on data from similar materials : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Ingestion Method: OECD Test Guideline 474 Result: negative |
|----------------------|---|

Maleic acid:

| | |
|-----------------------|--|
| Genotoxicity in vitro | : Test Type: Bacterial reverse mutation assay (AMES) Result: negative Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative |
|-----------------------|--|

Thiomersal:

| | |
|-----------------------|--|
| Genotoxicity in vitro | : Test Type: Bacterial reverse mutation assay (AMES) Result: negative |
| Genotoxicity in vivo | : Test Type: Mammalian spermatogonial chromosome aberration test (in vivo) Species: Mouse Application Route: Ingestion Result: negative |

Carcinogenicity

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|-------------------|--|
| Species | : Rat |
| Application Route | : inhalation (dust/mist/fume) |
| Exposure time | : 86 weeks |
| Result | : negative |
| Remarks | : Based on data from similar materials |

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

Maleic acid:

| | |
|-------------------|--|
| Species | : Rat |
| Application Route | : Ingestion |
| Exposure time | : 2 Years |
| Result | : negative |
| Remarks | : Based on data from similar materials |

Thiomersal:

| | |
|---------------|------------|
| Species | : Rat |
| Exposure time | : 1 Years |
| Result | : negative |

Reproductive toxicity

Not classified based on available information.

Components:**Aluminum hydroxide:**

| | |
|------------------------------|--|
| Effects on fertility | : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 422 Result: negative Remarks: Based on data from similar materials |
| Effects on fetal development | : Test Type: Embryo-fetal development Species: Rat Application Route: Ingestion Result: negative |

Maleic acid:

| | |
|------------------------------|--|
| Effects on fertility | : Test Type: Two-generation reproduction toxicity study Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from similar materials |
| Effects on fetal development | : Test Type: Embryo-fetal development Species: Rat Application Route: Ingestion Result: negative Remarks: Based on data from similar materials |

Thiomersal:

| | |
|------------------------------------|--|
| Effects on fetal development | : Species: Rat Application Route: Ingestion Result: positive Remarks: Based on data from similar materials |
| Reproductive toxicity - Assessment | : Clear evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments |

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

II

STOT-single exposure

Not classified based on available information.

Components:**Maleic acid:**

| | |
|------------|---|
| Assessment | : May cause respiratory irritation. |
| Remarks | : Based on national or regional regulation. |

STOT-repeated exposure

Not classified based on available information.

Components:**Thiomersal:**

| | |
|---------------|--|
| Target Organs | : Central nervous system, Cardio-vascular system, Gastrointestinal tract, Kidney |
| Assessment | : Causes damage to organs through prolonged or repeated exposure. |

Repeated dose toxicity**Components:****Aluminum hydroxide:**

| | |
|-------------------|--|
| Species | : Rat |
| NOAEL | : > 100 mg/kg |
| Application Route | : Ingestion |
| Exposure time | : 364 Days |
| Method | : OECD Test Guideline 426 |
| Remarks | : Based on data from similar materials |

| | |
|-------------------|--|
| Species | : Rat |
| NOAEL | : > 0,2 mg/kg |
| Application Route | : inhalation (dust/mist/fume) |
| Exposure time | : 12 Months |
| Remarks | : Based on data from similar materials |

Thiomersal:

| | |
|-------------------|--|
| Species | : Rat |
| LOAEL | : >= 0,5 mg/kg |
| Application Route | : Ingestion |
| Remarks | : Based on data from similar materials |

Aspiration toxicity

Not classified based on available information.

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity**Components:****Aluminum hydroxide:**

| | | |
|---|---|---|
| Toxicity to fish | : | LL50 (Salmo trutta (brown trout)): > 100 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EL50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h |
| Toxicity to algae/aquatic plants | : | EL50 (Selenastrum capricornutum (green algae)): > 100 mg/l Exposure time: 96 h |

Maleic acid:

| | | |
|--|---|--|
| Toxicity to fish | : | LC50 (Lepomis macrochirus (Bluegill sunfish)): > 10 - 100 mg/l Exposure time: 96 h Remarks: Based on data from similar materials |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 42,81 mg/l Exposure time: 48 h Test substance: Neutralized product Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | ErC50 (Pseudokirchneriella subcapitata (green algae)): 74,35 mg/l Exposure time: 72 h Test substance: Neutralized product Method: OECD Test Guideline 201 EC10 (Pseudokirchneriella subcapitata (green algae)): 11,8 mg/l Exposure time: 72 h Test substance: Neutralized product Method: OECD Test Guideline 201 |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC (Daphnia magna (Water flea)): > 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials |
| Toxicity to microorganisms | : | EC10 (Pseudomonas putida): 44,6 mg/l Exposure time: 18 h Test substance: Neutralized product Method: DIN 38 412 Part 8 |

Thiomersal:

| | | |
|------------------|---|---|
| Toxicity to fish | : | LC50 (Poecilia reticulata (guppy)): > 0,01 - 0,1 mg/l Exposure time: 96 h Remarks: Based on data from similar materials |
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Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

| | | |
|--|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 0,01 - 0,1 mg/l Exposure time: 48 h Remarks: Based on data from similar materials |
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (green algae)): > 0,01 - 0,1 mg/l Exposure time: 96 h Remarks: Based on data from similar materials |
| M-Factor (Acute aquatic toxicity) | : | 10 |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC (Daphnia sp. (Water flea)): > 0,001 - 0,01 mg/l Exposure time: 21 d Remarks: Based on data from similar materials |
| M-Factor (Chronic aquatic toxicity) | : | 10 |

Persistence and degradability**Components:****Maleic acid:**

| | | |
|------------------|---|---|
| Biodegradability | : | Result: Readily biodegradable. Biodegradation: 97 % Exposure time: 28 d Method: OECD Test Guideline 301B Remarks: The test was conducted according to guideline |
|------------------|---|---|

Bioaccumulative potential**Components:****Maleic acid:**

| | | |
|--|---|--|
| Bioaccumulation | : | Species: Leuciscus idus (Golden orfe) Bioconcentration factor (BCF): 10 |
| Partition coefficient: n-octanol/water | : | log Pow: -1,3 |

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

| | | |
|------------------------|---|---|
| Waste from residues | : | Do not dispose of waste into sewer. Dispose of in accordance with local regulations. |
| Contaminated packaging | : | Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product. |

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**ANTT**

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**National List of Carcinogenic Agents for Humans - : Not applicable
(LINACH)Brazil. List of chemicals controlled by the Federal : Not applicable
Police**The ingredients of this product are reported in the following inventories:**

AICS : not determined

DSL : not determined

IECSC : not determined

SECTION 16. OTHER INFORMATIONRevision Date : 20.06.2025
Date format : dd.mm.yyyy**Further information**Sources of key data used to : Internal technical data, data from raw material SDSs, OECD
compile the Material Safety eChem Portal search results and European Chemicals Agen-
Data Sheet cy, <http://echa.europa.eu/>

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Ovipast Plus Formulation

| | | | |
|---------|----------------|---------------|---------------------------------|
| Version | Revision Date: | SDS Number: | Date of last issue: 14.04.2025 |
| 3.0 | 20.06.2025 | 6344692-00009 | Date of first issue: 16.09.2020 |

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA : 8-hour, time-weighted average

ACGIH / STEL : Short-term exposure limit

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

BR / Z8