

Safety Data Sheet

According to EC Regulation 1907/2006 as amended
Date of creation: 25.08.2023
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Version: 1.1.



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

1.1. Product identifier

Trade name

AROMA-BIOTIC ANTI ODOR

Contains: Not applicable.

UFI: Not applicable.

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

Industrial use: Formulation and/or repacking of preparations. Mixing in batch processes for producing mixtures.

Applications for professional users: fertilizer, use in the laboratory.

Use not recommended

Unknown.

1.3. Details of the supplier of the safety data sheet

Name: INTERMAG sp. z o.o.

Address: Al. 1000-lecia 15G, 32-300 Olkusz, Poland

Phone number: +48 326455900

Fax number: +48 326427044

E-mail address: intermag@intermag.eu

E-mail address (SDS): sds@intermag.pl

1.4. Emergency telephone number: 112

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

The product does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Explanations of the abbreviations are provided in section 16.

2.2. Label elements

Hazard pictograms

Not applicable.

Signal word

Not applicable.

Hazard statements (H)

Not applicable.

Precautionary statements (P)

Not applicable.

Other:

Not applicable.

2.3. Other hazards

The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII. The product does not contain substances with endocrine disrupting properties. Microorganisms can potentially cause undesirable health reactions, including sensitization. When using the product, always wear a dust mask (type EN 149 FFP3 or similar), a glove and appropriate protective clothing. The product should not be used by people with reduced immunity or undergoing immunosuppressive treatment.

SECTION 3: Composition/information on ingredients

3.1. Substances: not applicable

3.2. Mixtures:

The product does not contain ingredients classified as hazardous substances in accordance with the applicable regulations in concentrations higher than or equal to the relevant limit values, and ingredients for which the values of permissible concentrations in the work environment have been determined.

If dangerous constituents are mentioned, the meaning of H phrases is given in clause 16 of the safety data sheet.

SECTION 4: First aid measures

4.1. Description of first aid measures

If health problems or doubts occur, always seek medical advice and provide him information given in this safety data sheet.

Inhalation

Stop working and move or take the victim to fresh air and provide conditions for rest in a position comfortable for breathing. In case of unconsciousness, maintain airway patency. If breathing difficulties persist, obtain medical attention.

Skin contact

Take off contaminated clothing immediately. Wash contaminated skin with plenty of soap and water. Wash the clothes before reuse. If any symptoms occur, consult a physician.

Eye contact

If the victim wears contact lenses, they should be removed before washing, if possible. Flush eyes with plenty of water as soon as possible and as thoroughly as possible for about 15 minutes with the eyelid held wide open. Avoid strong water stream due to the risk of mechanical damage to the cornea. Contact an ophthalmologist.

Ingestion

Rinse mouth with water. Give plenty of water to drink only if the injured person is conscious. Never give anything by mouth to an unconscious person. Do not induce vomiting. In case of malaise or ingestion of large amounts, consult a doctor.

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

Eye contact: May cause eye irritation.

Inhalation: May cause irritation to the respiratory system.

Skin contact: Prolonged exposure may cause skin irritation with local redness.

Ingestion: May cause irritation to the digestive system.

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

The doctor decides about the procedure to be followed after a thorough assessment of the injured person's condition. There is no information about a product-specific antidote.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: CO₂, foams, water spray and other extinguishing media suitable for materials burning around the product.

Unsuitable extinguishing media: strong water stream.

5.2. Special hazards arising from the substance or mixture

The product is not flammable under normal conditions. The products of decomposition and combustion of the mixture may be toxic - nitrogen oxides. Inhalation of gases formed during thermal decomposition may cause irritation and corrosive effects on the respiratory system. Lung effects may be delayed. Persons who have been exposed to the inhalation of decomposition gases should receive immediate medical attention.

5.3. Advice for firefighters

Use gas-tight protective clothing and personal breathing apparatus. Quench (smoke) fumes/gases/vapors/mists with a water spray. Fire residues should be disposed of in accordance with applicable regulations. Do not allow contaminated fire extinguishing water to reach ground and surface waters.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders:

Inform the surroundings about the accident; remove from the danger area all persons not involved in the liquidation of the accident; order evacuation if necessary. People participating in the rescue operation should be equipped with protective clothing and respiratory protection apparatus (see information in section 8). Avoid skin and eye contamination. If released in a confined space, provide effective ventilation.

For non-emergency personnel:

Avoid prolonged direct contact with the releasing product. Avoid breathing vapors/mists.

6.2. Environmental precautions

If possible and safe, stop or limit the leak (seal, close the liquid inflow; place the damaged container in an emergency container). Limit the spread of the pool by embankment. Prevent from entering the sewage system, to groundwater, surface waters and soil.

6.3. Methods and material for containment and cleaning up

Embank the contaminated place, protect the sewer inlets. In the event of large amounts of the product leakage - embank the place where the liquid accumulates, and pump the collected liquid. In case of leakage of smaller amounts, cover with inert absorbent material (sand, earth, vermiculite, diatomaceous earth), collect into a labeled container. Rinse off residues with plenty of water. Contaminated absorbent material and rinses should be disposed of in accordance with local regulations.

6.4. Reference to other sections

Personal protection equipment can be found in section 8.

Dispose of in accordance with the recommendations given in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use as intended only by trained and properly equipped with personal protective equipment personnel. Do not eat, drink or smoke during work with the product. Remove contaminated clothing and protective equipment before entering food-handling areas. Wash hands before breaks and after finishing work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tight, labeled container in well-ventilated rooms. Protect against sunlight and weather conditions. Containers that have been opened must be resealed and stored in an upright position. Keep away from incompatible products, food and feed.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Note: When the concentration of the substance is known, the selection of personal protective equipment should be made taking into account the concentration of the substance present in the workplace, exposure time and the activities performed by the employee. In an emergency, if the concentration of the substance in the workplace is not known, use personal protection measures recommended for the highest protection class. The employer is obliged to ensure that the used personal protective equipment, clothing and shoes have protective and functional properties and ensure their proper cleaning, maintenance, repair and decontamination.

8.2. Exposure control

Use in accordance with the principles of good industrial practice and safety rules. Do not eat, drink or smoke while using the product. Avoid contamination of skin, eyes and clothes. Keep away from food products. Wash hands and face after handling the product. Immediately remove contaminated clothing and wash before reuse.

8.2.1. Appropriate engineering controls

General ventilation

8.2.2. Personal protection measures such as individual protection equipment

8.2.2.1. Eye/face protection

Tight fitting safety glasses (EN 166) or face shield.

8.2.2.2. Skin protection

Protection of hands

Protective gloves in accordance with EN374 and CE marked, made of PVC (0.5 mm), natural rubber (0.5 mm), nitrile rubber (0.35 mm) or similar materials. In case of short-term contact, use protective gloves with a penetration time of 30 minutes. In case of prolonged contact, use protective gloves with a penetration time of 480 minutes.

Other

Protective shoes and clothing (EN 340).

8.2.2.3. Respiratory protection

When using the product, always wear a dust mask (type EN 149 FFP3 or similar).

8.2.2.4. Thermal hazards

Not required.

8.2.3. Environmental exposure controls

Check emissions from ventilation systems and work equipment to ensure that they meet the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Light yellow
Odour:	Nearly without odour
Melting point/freezing point:	No data available.
Boiling point or initial boiling point and boiling range:	No data available.
Flammability:	No data available.
Lower and upper explosion limit:	No data available.
Flash point:	No data available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	No data available.
pH:	7.0 ± 2.0 (at 20°C)
Kinematic viscosity:	No data available.
Solubility:	No data available.
Partition coefficient n-octanol/water (log value):	No data available.
Vapour pressure:	No data available.
Density:	1 100 ± 50 kg/m ³ (at 20 °C)
Relative vapour density:	No data available.
Particle characteristics:	No data available.

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No physical hazards identified.

9.2.2. Other safety characteristics

No other hazards identified.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under recommended storage conditions.

10.2. Chemical stability

The product is stable under recommended conditions of use and storage.

10.3. Possibility of hazardous reactions

Under normal conditions of use, hazardous reactions may not occur.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Strong acids and basics.

10.6. Hazardous decomposition products

Under normal conditions of use, no hazardous decomposition products occur. Under the influence of high temperature it can decompose with the release of harmful gases - nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1. Acute toxicity

Based on the available data the classification criteria are not met.

11.1.2. Skin corrosion/irritation

Based on the available data the classification criteria are not met.

11.1.3. Serious eye damage/irritation

Based on the available data the classification criteria are not met.

11.1.4. Respiratory or skin sensitization

Based on the available data the classification criteria are not met.

11.1.5. Germ cell mutagenicity

Based on the available data the classification criteria are not met.

11.1.6. Carcinogenicity

Based on the available data the classification criteria are not met.

11.1.7. Reproductive toxicity

Based on the available data the classification criteria are not met.

11.1.8. STOT-single exposure

Based on the available data the classification criteria are not met.

11.1.9. STOT-repeated exposure

Based on the available data the classification criteria are not met.

11.1.10. Aspiration hazard

Based on the available data the classification criteria are not met.

11.1.11. Information on likely routes of exposure

Skin contact:

The most likely route of exposure is skin. Prolonged exposure may cause skin irritation with local redness.

Inhalation:

May cause irritation to the respiratory system.

Eye contact:

May cause eye irritation.

Ingestion:

May cause irritation to the digestive system.

11.1.12. Symptoms to the physical, chemical and toxicological characteristics

There is no data about the adverse health effects of the product.

11.1.13. Delayed and immediate effects as well as chronic effects from short and long-term exposure

There is no data about the adverse health effects of the product.

11.1.14. Interactive effects

No data available

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

11.2.2. Other information

There is no data about the adverse health effects of the product.

SECTION 12: Ecological information

12.1. Toxicity

Based on the available data the classification criteria are not met.

12.2. Persistence and degradability

No data available for the product.

12.3. Bioaccumulative potential

The product does not bioaccumulate.

12.4. Mobility in soil

The product is easily soluble in water. Low soil adsorption potential.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB in accordance with Annex XIII.

12.6. Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7. Other adverse effects

Prevent entering a large amount of product to the sewage system, underground and surface water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not dispose together with municipal solid waste. Prevent the product from being released into sewage system and underground and surface water. Do not dispose in landfill sites. Consider the possibility of utilization. Dispose/recycle the product and the package according to the local regulations concerning environmental protection. Only completely emptied packages may be recycled. Do not mix with other waste.

SECTION 14: Transport information

14.1. UN number or ID number

None

14.2. UN proper shipping name

Not subject to.

14.3. Transport hazard class(es)

Not subject to.

14.4. Packing group

None

14.5. Environmental hazards

Does not pose a threat.

14.6. Special precautions for users

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not subject to.

SECTION 15: Regulatory information

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

1272/2008 Regulation of the European Parliament and of the Council (EC) of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

2020/878/EC Commission Regulation of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals 2008/98 Directive of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

15.2. Chemical safety assessment

Not conducted

SECTION 16: Other information

The information in this safety data sheet relates only to the described product and is based on our current knowledge, experience and may not be comprehensive. The end user is responsible for the use of product according to the valid regulations.

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Changes

2.3., 5.1, 8.2..

A calculation method was used to determine the classification of the product.

Hints concerning training

Train in accordance with valid regulations: safety and health regulations, fire regulations, regulations of packaging, waste regulations especially taking into account health protection, safety and environmental protection.

H-Statements

Not applicable.

Explanation of acronyms and abbreviations

Met. Corr. - Substance or mixture corrosive to metals

Acute Tox. - Acute toxicity

Skin Corr. - Skin corrosion

Skin Irrit. - Skin irritation

Eye Dam. - Serious eye damage

Eye Irrit. - Serious eye irritation

Resp. Sens. - Respiratory sensitization

Skin Sens. - Skin sensitization

Muta. - Germ cell mutagenicity

Carc. - Carcinogenicity

Repr. - Reproductive toxicity

STOT SE - Specific target organ toxicity - single exposure

STOT RE - Specific target organ toxicity - repeated exposure

Asp. Tox. - Aspiration hazard

Aquatic Acute - Hazardous to the aquatic environment, acute

Aquatic Chronic - Hazardous to the aquatic environment, chronic

Ozone - Hazardous for the ozone layer

Lact. - Reproductive toxicity, additional category, effect or impact on lactation

TLV-TWA - Threshold limit value - Time weighted average

TLV-STEL - Threshold limit value - Short-term exposure limit

TLV-C - Threshold limit value - Ceiling limit

vPvB - very Persistent and very Bioaccumulative

PBT - Persistent Bioaccumulative and Toxic

PNEC - Predicted No Effect Concentration

DN(M)EL - Derived No (Minimal) Effect Level

LD50 - Median lethal dose

LC50 - Median lethal concentration

ECx - Concentration showing x % Effect

LOEC - Lowest Observed Effect Concentration

NOEL - NOEL No Observed Effect Level

RID - Regulations Concerning the International Carriage of Dangerous Goods by Rail

ADR - European Agreement concerning the International Carriage of Dangerous

IMDG - International Maritime Dangerous Goods Code

ICAO/IATA - International Civil Aviation Organization / International Air Transport Association

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

UVCB - Substances of Unknown or Variable Composition, Complex reaction products or Biological Materials

Recommended restriction of use

None

Sources used to Safety Data Sheet preparation

Website of the European Chemicals Agency (www.echa.eu), website of the office of Chemical Substances (www.chemikalia.gov.pl), SDS of raw materials.