

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier.

Trade name: FERMATE® FAW
Other product names: P2-AC.
UFI: G8J0-40YX-7004-T7S7

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

Product use: Insect pheromone.

1.3 Details of the Supplier of the safety data sheet:

Company: BioPhero Aps
Lersø Parkallé 42-44, 4. th.
2100 Copenhagen Ø
Denmark
Tel.: +45 21998030

Contact: contact@biophero.com

1.4 Emergency telephone number:

Use your national or local emergency number.
United Kingdom: Contact The National Poisons Information Service (dial 111, 24 h service).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture to CLP No. 1272/2008/GB CLP.

Skin Irrit. 2; H315.

2.2 Label elements CLP No. 1272/2008/GB CLP.

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H315 Causes skin irritation.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



Precautionary statements:

General:

P102 Keep out of reach of children.

Prevention:

P261 Avoid breathing mist/vapors/spray.

P280 Wear protective gloves/protective clothing/eye protection.

Response:

P302 + P352: IF ON SKIN: Wash with soap and water.

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

Storage:

-

Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

Additional information:

EUH208 Contains (Z)-9-Tetradecenol. May produce an allergic reaction.

2.3 Other hazards.

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

The product is a mixture.

3.2 Mixture:

CAS/EC-no.	Name	Content %	Classification CLP
16725-53-4 / 240-780-1	(Z)-9-Tetradecen-1-yl acetate	70-75	Skin Irrit. 2; H315.
35153-15-2 / 252-401-7	(Z)-9-Tetradecenol	<1	Skin Irrit. 2; H315, Skin Sens. 1; H317.

See full text of H-phrases in section 16. Occupational limits are listed in section 8, if these are available.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

General information:

Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Take the label or this safety data sheet with you.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If discomfort continues, consult a doctor.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



Skin contact: Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

Ingestion: Rinse mouth with water and spit out. If symptoms occur call a physician.

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

May produce an allergic reaction.

Causes skin irritation.

Direct contact with eyes may cause temporary irritation.

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

Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Water fog, carbon dioxide (CO₂), foam, dry chemical.

Unsuitable extinguishing media:

None known.

5.2 Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed, avoid inhalation.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact. Collect contaminated firefighting water for proper disposal.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment, see section 8. Avoid contact with skin, eyes and clothing. Avoid breathing mist/vapors/spray. Ensure adequate ventilation.

6.2 Environmental precautions:

Avoid accidental discharge to lakes, streams, sewers, etc. In the event of a large leakage to the surroundings, contact the local environmental authorities. Ensure appropriate measures are taken to prevent this product from entering the environment.

6.3 Methods and material for containment and cleaning up:

Small Spills: wipe up with absorbent material (e.g. cloth, fleece).

Larger spills are to be absorbed with sand, earth or similar materials.

Collected material is disposed of in accordance with section 13.

Flush residues away with plenty of water.

6.4 Reference to other sections:

See section 8 for personal protection.

See section 13 for disposal.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

See Section 8 for personal protection. Avoid contact with skin, eyes and clothing. Do not breathe mist/vapor/spray. Ensure good ventilation. Do not eat, drink or smoke in the same room as handling this product. Keep containers tightly closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities:

Store closed in a dry and well-ventilated place. Once opened containers must be kept up straight. Recommended storage temperature -20°C. Avoid strong heat and direct sunlight.

7.3 Specific end use(s): This product should only be used for applications described in section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters - Occupational exposure limits EH-40 (Great Britain):

Contains no substances with occupational exposure limits.

Biological limits values: No biological exposure limits noted for this substance
Recommended monitoring procedures: Standard monitoring procedures.

DNEL / PNEC:

-

8.2 Exposure controls.

Appropriate technical measures:

Ensure good ventilation. Airborne concentrations, must be kept lowest possible.

General information / Hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Avoid contact with skin, eyes and clothing. Avoid inhalation of mist/vapors/mist.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.



Respiratory protection: Not required.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



- Hand protection:** Wear impervious protective gloves. Standard EN374.
Use chemical resistant gloves. Inspect gloves before use for damage.
Dispose gloves after use.
Option: Nitrile/PVC ≥ 480 min.
- Eye protection:** Wear tightly safety goggles, if risk of contact. EN 166.
- Body protection:** Wear impervious clothing.
- Measures to avoid environmental exposure:**
No special precautions are necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid
Colour:	Colourless/yellowish
Odour:	Characteristic
Melting point/freezing point:	Not relevant/no data
Boiling point:	333°C
Flammability:	Not relevant/no data
Lower and upper explosion limit:	Not relevant/no data
Flash point:	110°C
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	Not relevant/no data
pH:	Not relevant/no data
Kinematic viscosity:	Not relevant/no data
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	6.54
Vapour pressure:	Not relevant/no data
Density and/or relative density:	0.872 – 0.876 g/cm ³
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

9.2 Other information:

No data.

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reaction known under conditions of normal use and storage.
- 10.2 Chemical stability:** The product is stable under normal conditions.
- 10.3 Possibility of hazardous reactions:**
No risk of hazardous reactions during normal use and storage.
- 10.4 Conditions to avoid:** Open flames.
- 10.5 Incompatible materials:** Strong oxidizing agents. Strong bases.
- 10.6 Hazardous decomposition products:**
None if used as recommended, see section 1.2.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity:	Not classified.
Skin corrosion/irritation:	Not classified.
Serious eye damage/irritation:	Causes skin irritation
Respiratory or skin sensitization:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:
The product/substance has no endocrine disrupting properties.

Additional information: -

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity: Not classified.

12.2 Persistence and degradability:
No data available.

12.3 Bioaccumulative potential:
No data available.

12.4 Mobility in soil: No data available.

12.5 Result of PBT and vPvB assessment:
The product does not meet the criteria for PBT or vPvB.

12.6 Endocrine disrupting properties:
The product/substance has no endocrine disrupting properties.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



12.7 Other adverse effects:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. The coding of a waste stream is based on the application of the product by the consumer.

Contaminated packing:

Properly cleaned container is disposed of according to packaging material. Otherwise:
15 01 10* packaging containing residues of or contaminated by dangerous substances.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous of transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant	Not relevant
14.2 UN proper shipping name	Not relevant	Not relevant
14.3 Transport hazard class(es)	Not relevant	Not relevant
14.4 Packing group	Not relevant	Not relevant
14.5 Environmental hazards – MP EmS:	No Not relevant	No Not relevant
Other informations	LQ: Not relevant Tunnel: Not relevant	LQ: Not relevant Tunnel: Not relevant

14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

Safety data sheet

FERMATE® FAW

Version 1.0

Effective date: 23-05-2022



SECTION 15. REGULATORY INFORMATION

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

Sources:

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation no. 2020/878. CLP regulation no. 1272/2008. REACH regulation 1907/2006. GB CLP.

Additional information: People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H315 Causes skin irritation

H317 May cause an allergic skin reaction.

Additional information:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

Validated by:

SRS

www.msds-eu.com