



SAFETY DATA SHEET

Issuing Date 17-Mar-2022

Revision Date 17-Mar-2022

Revision Number 1

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

Product identifier

Product Name ImmuFend

Other means of identification

Product Code(s) 16432-186

Recommended use of the chemical and restrictions on use

Recommended Use Animal Feed Supplement
Restrictions on use For use in animal feed only.

Details of the supplier of the safety data sheet

TechMix, LLC, P.O. Box 221, Stewart, MN 55385
Company Phone Number 1-877-466-6455

2. HAZARDS IDENTIFICATION

Classification

This mixture is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements

| | | |
|-------------------------------|-----------------------------|--------------------|
| Appearance Fine Powder | Physical state Solid | Odor Slight |
|-------------------------------|-----------------------------|--------------------|

Other Information

Very toxic to aquatic life with long lasting effects.

Unknown acute toxicity

- 97.5552 % of the mixture consists of ingredient(s) of unknown toxicity.
- 29.6152 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 97.5552 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 97.5552 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 97.5552 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
- 97.5552 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

| Component | CAS No. | Weight-% | Trade Secret |
|--------------------------------|--------------|----------|--------------|
| Other Non-Hazardous Components | None | > 95 | * |
| Trade Secret | Trade Secret | < 5 | * |
| Trade Secret | Trade Secret | < 1 | * |

*The exact percentage (concentration) of composition has been withheld as a Trade Secret.

4. FIRST AID MEASURES

Description of first aid measures

| | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | Remove to fresh air. |
| Eye contact | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eyes wide open while rinsing. Get medical attention if irritation develops and persists. |
| Skin contact | Wash skin with soap and water. |
| Ingestion | Clean mouth with water and drink plenty of water afterwards. |

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

| | |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| Hazards arising from the chemical | No information available. |
| Explosion data | |
| Sensitivity to Mechanical Impact | None. |
| Sensitivity to Static Discharge | None. |
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

| | |
|----------------------|------------------------------|
| Personal precautions | Ensure adequate ventilation. |
|----------------------|------------------------------|

Environmental precautions

| | |
|---------------------------|-------------------------------------------------------|
| Environmental precautions | 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. |
| Methods for cleaning up | Pick up and transfer to properly labeled containers. |
| Prevention of secondary hazards | Clean contaminated objects and areas thoroughly observing environmental regulations. |

7. HANDLING AND STORAGE

Precautions for safe handling

| | |
|-------------------------|------------------------------------------------------------------------|
| Advice on safe handling | Handle in accordance with good industrial hygiene and safety practice. |
|-------------------------|------------------------------------------------------------------------|

Conditions for safe storage, including any incompatibilities

| | |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage Conditions | Keep containers tightly closed in a dry, cool, and well-ventilated place. Store at temperatures below 26°C (78°F). Protect from moisture. Protect from light. |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or another recommended limit.

| Component | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------|-------------------|----------|----------------------------------------------------------------------------------|
| Trade Secret | No data available | - | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |

Appropriate engineering controls

Engineering controls

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

No special protective equipment required.

Skin and body protection

No special protective equipment required.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Solid

Appearance

Fine Powder

Color

Light Pink; When dissolved in water, mixture will turn blue.

Odor

Slight

Odor threshold

No information available.

Property

Values

Remarks • Method

pH

No data available

None known

Flash point

No data available

None known

Flammability (solid, gas)

No data available

None known

Relative density

No data available

None known

Water solubility

Soluble in water.

None known

Solubility in other solvents

No data available

None known

Explosive properties

No information available.

Oxidizing properties

No information available.

Bulk density

No information available.

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

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

Product Information

Inhalation

Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.
Skin contact Specific test data for the substance or mixture is not available.
Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical, and toxicological characteristics

Symptoms No information available.

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

ATEmix (oral) 6,252.30

Unknown acute toxicity

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| Component | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------|----------------------|-------------|-----------------|
| Trade Secret | = 630 mg/kg (Rat) | - | - |
| Trade Secret | = 6450 mg/kg (Rat) | - | - |

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

Skin corrosion/irritation No information available.
Serious eye damage/eye irritation No information available.
Respiratory or skin sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity Classification based on data available for ingredients.

| Component | ACGIH | IARC | NTP | OSHA |
|--------------|-------|---------|-----|------|
| Trade Secret | - | Group 3 | - | - |

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

12. ECOLOGICAL INFORMATION

Ecotoxicity The environmental impact of this product has not been fully investigated.

| Component | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------|
| Trade Secret | 0.11 - 0.271: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.09 - 0.125: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | 2.16 - 3.05: 96 h Pimephales promelas mg/L LC50 flow-through 2.66: 96 h Pimephales promelas mg/L LC50 static 7.8: 96 h Cyprinus carpio mg/L LC50 static 0.211 - 0.269: 96 h Pimephales promelas mg/L LC50 semi-static 3.5: 96 h Lepomis macrochirus mg/L LC50 static 30: 96 h Cyprinus carpio mg/L LC50 0.24: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.59: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.41: 96 h | - | 0.139 - 0.908: 48 h Daphnia magna mg/L EC50 Static |

| | | | | |
|--|--|------------------------------------------------------------------------------------------------|--|--|
| | | Oncorhynchus mykiss mg/L LC50 static 0.45: 96 h Cyprinus carpio mg/L LC50 semi-static | | |
|--|--|------------------------------------------------------------------------------------------------|--|--|

Persistence and degradability No information available.
Bioaccumulation There is no data for this product.
Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging Do not reuse empty containers.

| Component | California Hazardous Waste Status |
|--------------|-----------------------------------|
| Trade Secret | Ignitable powder Toxic |

14. TRANSPORT INFORMATION

DOT Not regulated.

15. REGULATORY INFORMATION

International Inventories
TSCA Does not comply
DSL/NDSL Does not comply
EINECS/ELINCS Does not comply
ENCS Does not comply
IECSC Does not comply
KECL Does not comply
PICCS Does not comply
AICS 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

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Component | SARA 313 - Threshold Values % |
|--------------|-------------------------------|
| Trade Secret | 1.0 |

SARA 311/312 Hazard Categories

Acute health hazard No
Chronic Health Hazard No
Fire hazard No

Sudden release of pressure hazard No
 Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Component | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Trade Secret | - | X | X | - |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Component | Hazardous Substances RQs | Extremely Hazardous Substances RQs |
|--------------|--------------------------|------------------------------------|
| Trade Secret | 1000 lb | - |

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

US State Regulations This product may contain substances regulated by state right-to-know regulations.

| Component | New Jersey | Massachusetts | Pennsylvania |
|--------------|------------|---------------|--------------|
| Trade Secret | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 0 Flammability 0 Instability 0 Physical and chemical properties -
HMIS Health hazards 0 Flammability 0 Physical hazards (Personal protection X

Issuing Date 17-Mar-2022
 Revision Date 17-Mar-2022
 Revision Note No information available.

Disclaimer

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet