



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.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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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.
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Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.
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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.
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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.
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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		
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Persistence and degradability
Bioaccumulation
Other adverse effects

No information available.
There is no data for this product.
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused
products

Contaminated packaging

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
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/NDL	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/NDL - 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
Reactive Hazard

No
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

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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