

Material Safety Data sheet

Section 1: Product and Company Information

Product Name	Pfizer Selective Enterococcus Agar		
Catalogue Number	i23266	Technical Phone	0098 21 66787291
E-mail	ibresco@gmail.com	Fax No	09391003565
Company Address	Zist Kavosh Iranian, No.432, East Kokab Av,45 Metri Golshahr, Karaj, Iran.		

Section 2: Hazards Identification

Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]

Hazardous to the aquatic environment, long term hazard, (Category 3), H412

Label elements

Labeling according to Regulation (EC) No.1272/2008

Signal word

None

Hazard Statement(s)

H412 Harmful to aquatic life with long lasting effects

Precautionary Statement(s)

P273 Avoid release to the environment.

Other Hazards

None

Section 3: Composition / Information on Ingredients

Mixture

Component	Classification	Concentration*
Sodium azide		
CAS-No. 26628-22-8 EC-No. 247-852-1	As Per EC Regulation 1272/2008 Acute Tox.oral. 2; Acute Tox. 1; Aquatic Acute 1; Aquatic Chronic 1 H300; H310; H400; H410	>=0.1 - <=1.0%
Ferric ammonium citrate		
CAS-No. 1185-57-5 EC-No. 214-686-6	As Per EC Regulation 1272/2008 Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H315; H319; H335	>=0.1 - <=1.0%

* Weight %

Section 4: First Aid Measures

Description of first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact	Wash with plenty of soap and water. Consult a physician.
In case of eye contact	Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

No data available.

Special hazards arising from the substance or mixture

Carbon oxides

Sodium oxides

Hydrogen chloride gas

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

Further information

No data available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended Storage Temperature On receipt store between 10-30°C

Section 8: Exposure Controls / Personal Protection

Control parameters

Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.

Personal protective equipment

Hygiene measure

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

Eye/face protection

Tightly fitting safety goggles; Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 2016/425/EEC and the standard EN ISO 374-1/2016 derived from it.

Body protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties

Physical state	homogeneous free flowing powder
Color	Light yellow to pale green
Odor	No data available
Odor Threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No data available
Flash point	No data available
Vapor pressure	No data available
Vapor density	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	6.90 - 7.30

Viscosity	No data available
Water Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Relative density	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In the event of fire: see section 5

Section 11: Toxicological Information

Information on toxicological effects	
Mixture	
Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Aspiration hazard	No data available
Additional Information	No data available
Components	
	Sodium azide
Acute toxicity	Acute oral toxicity Rat LD50: 27mg/kg (As per RTECS)
Skin corrosion/irritation	Acute dermal toxicity LD50 Rabbit: 20mg/kg (As per RTECS)

Additional Information

RTECS: VY8050000

Ferric ammonium citrate

Acute Oral Toxicity

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RatLD50: >2000 mg/kg

Acute Potential Health Effects

Contact may cause irritation or rash, particularly with moist skin.

Skin

Eyes

May cause eye irritation with redness, tearing, and abrasion.

Inhalation

Inhalation of high concentrations of dust may cause nasal, throat or lung irritation. Symptoms may include coughing and wheezing.

Ingestion

Ingestion can produce gastrointestinal tract irritation with hyper motility, diarrhea.

Chronic Potential Health Effects

Prolonged eye contact may cause a brownish discoloration of the eyes.

Eyes

Skin

Prolonged skin contact may cause skin irritation.

Section 12: Ecological Information

Toxicity

Mixture

No data available

Components
Sodium azide

Toxicity to fish
LC50 Lepomis macrochirus (Bluegil sunfish): 0.7 mg/l; 96 h
Toxicity to Daphnia
EC50 Daphnia pulex (Water flea): 4.2 mg/l; 48 h
Toxicity to algae
IC50 mixed culture of green algae: 272 mg/l
Toxicity to bacteria
EC50 Photobacterium phosphoreum: 38.5 mg/l

Persistence and degradability

No data available

Bio accumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Other adverse effects

No data available

Section 13: Disposal Consideration

Waste treatment methods

Product

Offer surplus and non- recyclable solutions to a licensed company. Contact a licensed professional waste disposal service to dispose of this material

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

UN-No	ADNR: ADR: IATA_C: IATA_P: IMDG: RID:
UN proper shipping name	ADNR: Not dangerous goods ADR: Not dangerous goods IATA_C: Not dangerous goods IATA_P: Not dangerous goods IMDG: Not dangerous goods RID: Not dangerous goods
Transport hazard class(es)	ADNR: ADR: IATA_C: IATA_P: IMDG: RID:
Packaging group	ADNR: ADR: IATA_C: IATA_P: IMDG: RID:
Environmental hazards	ADNR: No ADR: No IMDG: Marine pollutant No IATA_C: No IATA_P: No RID: No
Special precautions for use	No data available

Section 15: Regulatory Information

Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety health and environment regulations/legislation specific for the substance or mixture

No data available

Chemical Safety Assessment

No data available

Section 16: Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. *ibresco* shall not be held liable for any damage resulting from handling or from contact with the above product.

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