

### Material Safety Data sheet

#### Section 1: Product and Company Information

<b>Product Name</b>	Campylobacter Supplement, Butzler		
<b>Catalogue Number</b>	iS47008	<b>Technical Phone</b>	0098 21 66787291
<b>E-mail</b>	ibresco@gmail.com	<b>Fax No</b>	09391003565
<b>Company Address</b>	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]

Acute toxicity, Oral, (Category 1), H300

Sensitisation, Skin, (Category 1), H317

Sensitisation, respiratory, (Category 1), H334

Germ cell mutagenicity, (Category 2), H341

Reproductive toxicity, (Category 1A), H360

Hazardous to the aquatic environment, long term hazard, (Category 2), H411

##### Label elements

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

Pictogram



Signal word

Danger

##### Hazard Statement(s)

H300 Fatal if swallowed

H317 May cause an allergic skin reaction

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H341 Suspected of causing genetic defects

H360 May damage fertility or the unborn child

H411 Toxic to aquatic life with long lasting effects

##### Precautionary Statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling. Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P201 Obtain special instructions before use.

P281 Use personal protective equipment as required.

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

##### Other Hazards

None

### Section 3: Composition / Information on Ingredients

<b>Mixture</b>			
<b>Component</b>		<b>Classification</b>	<b>Concentration*</b>
<b>Colistin sulphate</b>			
CAS-No. EC-No.	1264-72-8 215-034-3	As Per EC Regulation 1272/2008 Acute Tox.oral. 3 H301	>=0.01 - <=1.0%
<b>Actidione (Cycloheximide)</b>			
CAS No EC No. Index-No	66-81-9 200-636-0 613-140-00-8	As Per EC Regulation 1272/2008 Acute Tox. oral. 1; Skin Irrit. 2; Muta. 2; Repr. 1B; Aquatic Chronic 2 H300; H315; H341; H360D; H411	>=10 - <=20%
<b>Cephazolin sodium</b>			
CAS No EC No.	27184-46-9 248-278-4	As Per EC Regulation 1272/2008 Skin Sens. 1; Resp. Sens. 1 H317; H334	>=1 - <=5%
<b>Novobiocin sodium salt</b>			
CAS No. EC No.	1476-53-5 216-023-6	As Per EC Regulation 1272/2008 Skin Sens. 1; Eye Irrit. 2A H317; H319	>=1 - <=5%

\* Weight %

### Section 4: First Aid Measures

#### Description of first-aid measures

<b>General advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In case of skin contact</b>	Wash with plenty of soap and water. Consult a physician.
<b>In case of eye contact</b>	Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
<b>If swallowed</b>	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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

#### 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 limitations of extinguishing agents are known for this mixture.

**Special hazards arising from the substance or mixture**

Nature of decomposition products not known.

**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 2-8°C

**Section 8: Exposure Controls / Personal Protection****Control parameters****Components with workplace 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 89/686/EEC and the standard EN 374 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	Powder
Color	Cream white
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
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	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
<b>Other safety information</b>	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**

No data available

**Hazardous decomposition products**

In the event of fire: see section 5

## Section 11: Toxicological Information

### Information on toxicological effects

#### Mixture

<b>Acute toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	Mixture may cause skin irritation.
<b>Serious eye damage/eye irritation</b>	No data available
<b>Respiratory or skin sensitization</b>	Mixture may cause skin sensitisation.
<b>Carcinogenicity</b>	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.
<b>Specific target organ toxicity - single exposure</b>	No data available
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Additional Information</b>	RTECS: No data available

#### Components

<b>Cycloheximide</b>	Acute oral Toxicity Rat LD50: 2mg/kg Skin Corrosion/Irritation Skin-rabbit Result: Skin irritation: 24 h Germ cell mutagenicity Lab experiments have shown mutagenic effects. Invitro tests showed mutagenic effects. Reproductive toxicity May cause congenital malformation in the fetus. Presumed human reproductive toxicant. Liver-irregularities-based on human evidence.
<b>Additional Information</b>	RTECS:MA4375000

## Section 12: Ecological Information

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bio accumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	This substance or mixture contains no components considered to be persistent, bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.
<b>Other adverse effects</b>	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

<b>UN-No</b>	ADNR: 2811 ADR: 2811 IATA_C: 2811 IATA_P: 2811 IMDG: 2811 RID: 2811
<b>UN proper shipping name</b>	ADNR: Toxic solids, organic, n.o.s. ADR: Toxic solids, organic, n.o.s. IATA_C: Toxic solids, organic, n.o.s. IATA_P: Toxic solids, organic, n.o.s. IMDG: Toxic solids, organic, n.o.s. RID: Toxic solids, organic, n.o.s. Passenger Aircraft: Not permitted for transport Cargo Aircraft: Not permitted for transport
<b>Transport hazard class(es)</b>	ADNR: 6.1 ADR: 6.1 IATA_C: 6.1 IATA_P: 6.1 IMDG: 6.1 RID: 6.1
<b>Packaging group</b>	ADNR: I ADR: I IATA_C: I IATA_P: I IMDG: I RID: I
<b>Environmental hazards</b>	ADNR: No ADR: No IMDG: Marine Pollutant -No IATA_C: No IATA_P: No RID: No
<b>Special precautions for use</b>	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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