


## Salmonella Reversion Indicator Medium – AMES MPF / AMES II

### Material Safety Data Sheet according to 1907/2006/EC Article 31 (REACH)

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING		
Product name:	Salmonella Reversion Indicator Medium – AMES MPF / AMES II	
Product code:	PMM-IM10	
Synonyms:	Indicator medium	
Recommended uses:	Not for use in humans, not for diagnostic purposes. Research use only.	
Supplier:	Xenometrix AG, Gewerbestrasse 25, CH-4123 Allschwil, Switzerland	
Emergency contact numbers:	+41 61 482 14 34	
Country of origin:	Switzerland	
HS Code:	3822.1900	
2. HAZARDS IDENTIFICATION		
Classification:	According to regulation (EC) No 1272/2008.	
Label element:	Keep out of the reach of children.	
	Pictogram:	
Hazard statement(s):	Signal word:	Danger
	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
	H335	May cause respiratory irritation.
Precautionary statement(s):	P270	Do not eat, drink or smoke when using this product.
	P280	Wear protective gloves/eye protection.
	P301 + P310	If swallowed: immediately call a poison center / doctor.
	P302 + P352	If on skin: Wash with plenty of water.
	P305 + P351 + P338	If in eyes: Rinse cautiously water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337 + P313	If eye irritation persists: Get medical advice/attention.
Other hazards:	No data available.	
3. COMPOSITION / INFORMATION ON INGREDIENTS		
Product / CAS-No:	Magnesium Sulfate	10034-99-8
	Citric Acid	5949-29-1
	Potassium phosphate	7758-11-4
	Ammonium sodium	7783-13-3
	Glucose	77938-63-7
	Biotin	58-85-5
	Alanine	56-41-7
	Arginine	1119-34-2
	Asparagine	5794-13-8
	Cysteine	7048-04-6
	Glutamic Acid	56-86-0
	Glycine	200-272-2
	Isoleucine	73-32-5
	Leucine	61-90-5
	Lysine	657-27-2
	Methionine	63-68-3
	Phenylalanine	63-91-2
	Proline	147-85-3
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	Threonine	72-19-5
	Tryptophan	73-22-3
	Tyrosine	60-18-4
	Valine	72-18-4
	Serine	56-45-1
	Uracil	58-96-8
	Adenine	73-24-5
	Bromocresol	115-40-2
<b>Description:</b>	Precise composition is property of Xenometrix AG – Allschwil – Switzerland	
<b>Index-No:</b>	No data available.	
<b>Other information:</b>	No components need to be disclosed according to the applicable regulations.	

#### 4. FIRST AID MEASURES

<b>Eye contact:</b>	Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes. If contact lenses can't remove, continue washing. Consult a physician or an expert.
<b>Skin contact:</b>	Remove contaminated clothing and wash before renew use. Wash off with soap and plenty of water. Consult a physician.
<b>Inhalation:</b>	Move person into fresh air and control respiration. If not breathing, give artificial respiration. Consult a physician.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. Consult a physician. Never cause nausea. Rinse mouth with water. Concerned person should drink water, better milk (two glasses at most). If nausea: Beware swallowing and keeping in recovery position.

#### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing media:</b>	Suitable extinguishing media, co-ordinate firefighting measures to the fire surroundings! water, foam, dry extinguishing powder, ABC-powder. Unsuitable extinguishing media, water jet.
<b>Special hazards arising from the substance or mixture:</b>	The product is combustible. In case of fire may be liberated: Nitrogen oxides (NO <sub>x</sub> ), Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ).
<b>Advice for firefighters:</b>	In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear appropriate personal protective equipment – see section 8. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid breathing mist/vapor. Keep unauthorized and unprotected persons away.
<b>Environmental precautions:</b>	Do not let product enter the drains.
<b>Methods and materials for containment and cleaning up:</b>	Spills: Wipe up with absorbent material (e.g. cloth, fleece). Then rinse the spillage site with plenty of water.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear appropriate personal protective equipment – see section 8. Avoid contact with skin and eyes. Avoid breathing mist/vapor. Provide adequate ventilation. Do not eat, drink or smoke when using this product. Keep this product away from food and out of reach of children and pets. Remove work clothes and protective equipment before meals. The packaging is handled and opened carefully. Wash hands after handling the product. Remove contaminated clothing. Keep away from
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**Storage:**

heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed when not in use. Use only in well ventilated areas. Store in the original container as much as possible. Keep away from combustible materials, heat or sunlight. Keep out of the reach of children. Recommended storage temperature at room temperature.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**
**Appropriate technical measures:**

Airborne concentrations must be kept as low as possible. Provide sufficient ventilation.

**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. Make sure that eyewash is clearly marked. Avoid contact with eyes and skin. Avoid breathing vapor.

**Personal protection:**

Only CE-marked personal protection equipment should be used.

**Eye protection:**

Safety glasses.

**Hand protection:**

Wear protective gloves made of the following material: Polyethylene, Polypropylene, Viton. EN 374.

**Body protection:**

Wear appropriate protective clothing.

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Colourless solution.
<b>Odour:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting point:</b>	No data available.
<b>Boiling point:</b>	No data available.
<b>Flash point:</b>	No data available.
<b>Evaporation rate:</b>	No data available.
<b>Flammability:</b>	No data available.
<b>Self-ignition temp.:</b>	No data available.
<b>Danger of Explosion:</b>	No data available.
<b>lower explosion limit:</b>	No data available.
<b>upper explosion limit:</b>	No data available.
<b>Decomposition Temp.:</b>	No data available.
<b>Kinematic Viscosity:</b>	No data available.
<b>Vapor Pressure:</b>	No data available.
<b>Relative Density (20°C):</b>	No data available.
<b>Relative Gas Density (20°C):</b>	No data available.
<b>Solubility (20°C):</b>	No data available.
<b>Partition coefficient n-octanol/water:</b>	No data available.
<b>Log KOW:</b>	No data available.

**10. STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Stable under normal storage conditions and recommended use
<b>Reactivity:</b>	No data available
<b>Conditions to avoid:</b>	No data available
<b>Incompatibilities with other materials:</b>	No data available
<b>Hazardous decomposition products:</b>	No data available

**11. TOXICOLOGICAL INFORMATION**

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<b>Acute toxicity:</b>	No data available
<b>Skin corrosion/irritation:</b>	No data available
<b>Serious eye damage/eye irritation:</b>	No data available
<b>Respiratory or skin sensitization:</b>	No data available
<b>Other:</b>	No data available

## 12. ECOLOGICAL INFORMATION

<b>Toxicity:</b>	No data available
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Result of PBT and vPvB assessment:</b>	No data available
<b>Other adverse effects:</b>	No data available

## 13. DISPOSAL CONSIDERATION

<b>Waste treatment methods:</b>	Avoid discharge in environment.
<b>Treatment key:</b>	Ask your local administration.
<b>Contaminated packaging/ product:</b>	No data available
<b>Special precaution:</b>	No data available
<b>Other:</b>	Observe all federal, state and local environmental regulations. Mix or dissolve the material in a combustible solvent and burn in chemical incinerator equipped with an afterburner and scrubber. Contact a licensed professional waste disposal service to dispose of this material.

## 14. TRANSPORT INFORMATION

<b>ADR / RID</b>	No data available.
<b>IMDG</b>	No data available.
<b>IATA</b>	No data available.

## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available.  
 Chemical Safety Assessment: A chemical safety assessment was not carried out for this product.

## 16. ADDITIONAL INFORMATION

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