

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:	The product is not classified as hazardous according to the Swiss Ordinance on Protection against Dangerous Substances and Preparations - Chemicals Ordinance, ChemO, SR 813.11, and according to the Regulation (EC) No 1272/2008.
Label element:	No data available.
Hazard statement(s):	No data available.
Precautionary statement(s):	No data available.
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
	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

Description: Precise composition is property of Xenometrix AG – Allschwil – Switzerland

Index-No: No data available.

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Other information: No components need to be disclosed according to the applicable regulations.

4. FIRST AID MEASURES

Eye contact: 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.

Skin contact: Remove contaminated clothing and wash before renew use. Wash off with soap and plenty of water. Consult a physician.

Inhalation: Move person into fresh air and control respiration. If not breathing, give artificial respiration. Consult a physician.

Ingestion: 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

Extinguishing media: Suitable extinguishing media, co-ordinate firefighting measures to the fire surroundings! water, foam, dry extinguishing powder, ABC-powder. Unsuitable extinguishing media, water jet.

Special hazards arising from the substance or mixture: The product is combustible. In case of fire may be liberated: Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂).

Advice for firefighters: 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

Personal precautions: 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.

Environmental precautions: Do not let product enter the drains.

Methods and materials for containment and cleaning up: Spills: Wipe up with absorbent material (e.g. cloth, fleece). Then rinse the spillage site with plenty of water.

7. HANDLING AND STORAGE

Handling: 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 heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed when not in use. Use only in well ventilated areas.

Storage: 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

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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

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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
Other:	No data available

12. ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available

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Result of PBT and vPvB assessment: No data available
Other adverse effects: No data available

13. DISPOSAL CONSIDERATION

Waste treatment methods: Avoid discharge in environment.
Treatment key: Ask your local administration.
Contaminated packaging/ product: No data available
Special precaution: No data available
Other: 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

ADR / RID No data available.
IMDG No data available.
IATA 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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