

S9 rat liver fraction

Material Safety Data Sheet according to 1907/2006

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING	
Product name:	S9 rat liver fraction
Product code:	S9
Synonyms:	No data available
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:	Animal protein lyophilized (biological). No components need to be disclosed according to the applicable regulations
Label element:	No data available
Hazard statement(s):	No data available
Precautionary statement(s):	No data available
Other hazards:	PBT No data available vPvB No data available
3. COMPOSITION / INFORMATION ON INGREDIENTS	
Product:	S9 animal protein lyophilized
Description:	The contained material is in a liquid format that must be stored at -20°C / -80°C until use
CAS-No:	No data available
Index-No:	No data available
Other information:	Lyophilized format
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 of swallowing and keeping in recovery position.
5. FIRE-FIGHTING MEASURES	
Extinguishing media:	No data available
Special hazards arising from the substance or mixture:	No data available
Advice for firefighters:	No data available
6. ACCIDENTAL RELEASE MEASURES	
Personal precautions:	Avoid breathing vapors, mist, dust or gas.
Environmental precautions:	Do not let product enter the drains or water.

Document-No. REC-82-07_X	MSDS	Valid from Release Date 01.02.2023
Version-No. 5.0		Valid until Cancellation Date
RECORDS		
MSDS_PR5-PB01_PR5-PB02_S9 liver Fraction.docx		Page 1 of 3

Methods and materials for containment and cleaning up:

Ensure adequate ventilation. Avoid direct contact with the product. Evacuate personnel to safe areas. Sweep up with suitable material. Keep in suitable, closed containers for disposal. Clean up affected area.

7. HANDLING AND STORAGE

Handling:	Handle in accordance with good laboratory hygiene and safety practice. This product is not combustible. For use in experiments requiring an exogenous source of metabolic activation enzymes. Open container carefully. No other information available.
Storage:	Store in the original container as much as possible. Recommended storage temperature: -20°C / -80°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye protection:	Wear safety glasses with side protection.
Skin protection:	Wear appropriate protective gloves to prevent skin exposure.
Body protection:	Appropriate protective clothing, overalls.
Respiratory protection:	No respirators required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red powder in a small glass vial
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
Water Solubility (20°C):	No data available
Log KOW:	No data available

10. STABILITY AND REACTIVITY

Chemical stability:	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:	LD50: No data available. LC50: No data available.
Skin corrosion/irritation:	No irritant effect.
Serious eye damage/eye irritation:	No irritating effect.
Respiratory or skin sensitization:	No sensitizing effects known.

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RECORDS		
MSDS_PR5-PB01_PR5-PB02_S9 liver Fraction.docx		Page 2 of 3

Other: The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATION

Waste treatment methods: Avoid discharge in environment.
Treatment key: Ask your local administration.
Contaminated packaging/ product: Collect and disposal rest of substance separately. Biological material waste must dispose in accordance with appropriate federal, state, and local regulations. Sterilize waste and rests before disposal. Don't use cleaned container for other purpose and dispose.
Special precaution: Sterilisation: autoclave at 2 bar pressure / 30 min. / Temp.121°C

14. TRANSPORT INFORMATION

ADR / RID Not classified as hazardous for transport.
IMDG Not classified as hazardous for transport.
IATA Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Consider the employee limitations. For this product a chemical safety assessment was not carried out.

16. ADDITIONAL INFORMATION

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 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. Xenometrix AG shall not be held liable for any damage resulting from handling or from contact with the above product.

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RECORDS		
MSDS_PR5-PB01_PR5-PB02_S9 liver Fraction.docx		Page 3 of 3