

# MATERIAL SAFETY DATA SHEET

## S9 Cofactor Kit (PCO-0800)

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Processing date February 2015

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

#### Product information

Product Name: S9 Cofactor kit (PCO-0800)  
Contains S9 buffer salts, S9 NADP, S9 G-6-P

Intended use: For research use only, not for diagnostic purposes

Company: Xenometrix AG  
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### 2. CHEMICAL CHARACTERISATION

#### Components:

- Buffer Salts solution  
(Phosphate buffer, CAS-No 10049-21-5; MgCl<sub>2</sub>, CAS-No. 7791-18-6, KCl, CAS-No. 7447-40-7)
- NADP solution (CAS-No. 24292-60-2)
- G-6-P solution (CAS-No. 3671-99-6)

No components need to be disclosed according to the applicable regulations.

### 3. HAZARDS IDENTIFICATION

No hazardous products as specified in Directive 67/548/EEC.

### 4. FIRST AID MEASURES

Skin contact: Wash skin immediately with plenty of water.  
Eye contact: Rinse immediately with plenty of water and seek medical advice.  
Ingestion: Wash out mouth with water and seek medical advice.  
Inhalation: Remove to fresh air. If breathing becomes difficult, seek medical advice.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media: water spray, carbon dioxide, dry chemical powder or appropriate foam.  
Special risks: Formation of toxic gases is possible during heating or in case of fire.  
In case of fire, the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Phosphorus oxides

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### 6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage: Smaller quantities can be washed off with plenty of water.  
Absorbent material: No restriction.  
Actions to be taken to limit damage: Special measures to limit damage are not necessary.

### 7. HANDLING AND STORAGE

Handling: Avoid inhalation, avoid contacts with eyes, skin and clothing. Avoid prolonged or repeated exposure.  
Storage: -20°C.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: Not required.  
Eye protection: Safety glasses  
Hand protection: Protective gloves  
Hygiene measures: Wash hands before breaks and at the end of workday."

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### All kit ingredients:

Form: liquid  
Miscibility with water: completely miscible

### 10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use  
Hazardous decomposition products: Carbon monoxide and carbon dioxide, Phosphorus oxides e.g. P<sub>2</sub>O<sub>5</sub>), Nitrogen oxides (NO<sub>x</sub>)

### 11. TOXICOLOGICAL INFORMATION

No information available

### 12. ECOLOGICAL INFORMATION

Water hazard class 1: Slightly hazardous

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### 13. DISPOSAL CONSIDERATIONS

Waste disposal route: Small quantities may be disposed of in waste water.

Disposal of empty packaging: Dispose of empty packs via local recycling or waste disposal routes- if necessary, clean them beforehand.

### 14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO)

### 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: For this product a chemical safety assessment was not carried out

### 16. OTHER 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.