

S9 Cofactor Kit

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

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND THE COMPANY UNDERTAKING			
Product name:	S9 Cofactor Kit		
Product code:	PCO-0800 and PCO-1800		
Synonyms:	PCO Kit		
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:	Telephone: +41 61 482 14 34		
Country of origin:	Switzerland		
HS Code	3822.1900		
2. HAZARDS IDENTIFICATION			
Classification:	No data available		
Label element:	Keep out of the reach of children		
Hazard statement(s):	No data available		
Precautionary statement(s):	No data available		
Other hazards:	No data available		
3. COMPOSITION / INFORMATION ON INGREDIENTS			
Product:	PCO-0810	PCO-0810	S9 Buffer Salts – S9 Cofactor Kit
	PCO-0820	PCO-0820	S9 G-6-P – S9 Cofactor Kit
	PCO-0830	PCO-0830	S9 NADP – S9 Cofactor Kit
	PCO-0840	PCO-0840	S9 Buffer M – S9 Cofactor Kit
Description:	Components of S9 Cofactor Kit are used together with S9 Rat Liver fraction or S9 Hamster Liver fraction to prepare 10% or 30% S9 Mix to provide the presence of metabolic activation in an assay.		
CAS-No:	PCO-0810	PCO-0810	10049-21-5 and 7447-40-7
	PCO-0820	PCO-0820	3671-99-6
	PCO-0830	PCO-0830	24292-60-2
	PCO-0840	PCO-0840	7791-18-6
Index-No:	No data available		
Other information:	All components are liquid		
4. FIRST AID MEASURES			
General information:	If any doubt or if symptoms persist, seek medical attention		
Eye contact:	Flush the eye for several minutes with water; Contact a doctor; Do not rub your eyes		
Skin contact:	Wash skin with soap and water. Remove contaminated clothing. If symptoms occur, consult a doctor. If adhesive bonding occurs, do not force skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water		
Inhalation:	Move affected person to fresh air. Get medical attention if any discomfort continues		
Ingestion:	Contact a doctor. If the lips are glued together, apply plenty of warm water and gently disassemble them		
5. FIRE-FIGHTING MEASURES			
Extinguishing media:	Water spray, foam, carbon dioxide or dry chemical powder		

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Special hazards arising from the substance or mixture:

The product is not flammable. In case of fire, nitrogen oxides and phosphorus oxides can be formed. Fire will develop smoke containing harmful gases (carbon monoxide and carbon dioxide)

Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact

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:

No data available

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. Collected material is disposed of in accordance with section 13

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.

PCO-0810	PCO-0810	2-8°C
PCO-0820	PCO-0820	-20°C
PCO-0830	PCO-0830	-20°C
PCO-0840	PCO-0840	2-8°C

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:

No wear eye protection needed.

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:

PCO-0810	PCO-0810	Colorless
PCO-0820	PCO-0820	Colorless
PCO-0830	PCO-0830	Colorless
PCO-0840	PCO-0840	Colorless

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pH:	No data available
Odour:	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):	Miscible
Log KOW:	No data available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal storage conditions and recommended use
Reactivity:	None under normal conditions
Conditions to avoid:	High humidity, high temperature or direct sunlight
Incompatibilities with other materials:	No data available
Hazardous decomposition products:	No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not classified
Skin corrosion/irritation:	May cause skin irritation at high concentration
Serious eye damage/eye irritation:	May cause eye irritation
Respiratory or skin sensitization:	May cause respiratory irritation
Other:	No data available

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Result of PBT and vPvB assessment:	No data available
Other adverse effects:	No data available

13. DISPOSAL CONSIDERATION

Waste treatment methods:	Small quantities may be disposed of in waste water
Treatment key:	No data available
Contaminated packaging/ product:	Dispose of empty packs via local recycling or waste disposal routes - if necessary, clean them beforehand.
Special precaution:	No data available

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

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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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