

## Material Safety Data Sheet

According to EC-Regulation No. 1907/2006

Updated 13.03.2023 Version: 01

Section I Product and Company Information	
Product Name	<p>Cryopreserved Sprague Dawley Rat Liver Kupffer Cells            Cryopreserved Sprague Dawley Rat Liver Sinusoidal Endothelial Cells            Cryopreserved Sprague Dawley Rat Liver Stellate Cells            Cryopreserved Sprague Dawley Rat Liver Nonparenchymal Cells            Cryopreserved Sprague Dawley Rat Liver Total Nonparenchymal Cells</p> <p>Cryopreserved Wistar Han Rat Liver Kupffer Cells            Cryopreserved Wistar Han Rat Liver Sinusoidal Endothelial Cells            Cryopreserved Wistar Han Rat Liver Stellate Cells            Cryopreserved Wistar Han Rat Liver Nonparenchymal Cells            Cryopreserved Wistar Han Rat Liver Total Nonparenchymal Cells</p>
Product Numbers	SDRL-KC, SDRL-SEC, SDRL-SC, SDRL-NPC, SDRL-TNPC, WHRL-KC, WHRL-SEC, WHRL-SC, WHRL-NPC, WHRL-TNPC
Product Classification	Cell Culture Reagent
Company and Contact Information	<p>PRIMACYT Cell Culture Technology GmbH            Hagenower Str. 73            19061 Schwerin            Federal Republic of Germany            Phone: +49 – 385 – 3993 600            E-mail: info@primacyt.de</p>
Section II Potential Hazards Information	
This product does not contain hazardous ingredients according to Regulation (EC) No 1272/2008.	
Section III Formulation and Ingredients Information	
Product Name	<p>Cryopreserved Sprague Dawley Rat Liver Kupffer Cells            Cryopreserved Sprague Dawley Rat Liver Sinusoidal Endothelial Cells            Cryopreserved Sprague Dawley Rat Liver Stellate Cells            Cryopreserved Sprague Dawley Rat Liver Nonparenchymal Cells            Cryopreserved Sprague Dawley Rat Liver Total Nonparenchymal Cells</p> <p>Cryopreserved Wistar Han Rat Liver Kupffer Cells            Cryopreserved Wistar Han Rat Liver Sinusoidal Endothelial Cells            Cryopreserved Wistar Han Rat Liver Stellate Cells            Cryopreserved Wistar Han Rat Liver Nonparenchymal Cells            Cryopreserved Wistar Han Rat Liver Total Nonparenchymal Cells</p>
CAS - No.	None
EC - No.	None

Section IV First Aid Measures	
In case of contact with eye	Flush thoroughly with water and contact a physician.
In case of accidental swallowing	Rinse mouth with fresh water, provided the person is conscious. Contact a physician.
In case of inhalation	Remove to fresh air. Give oxygen if breathing becomes difficult. Contact a physician.
In case of contact with skin	Wash the affected area with soap and copious amounts of water. Should irritation occur, contact a physician.

Section V Fire Fighting Measures	
Suitable extinguishing media	Water spray, Carbon dioxide, dry chemical powder, or appropriate foam.
Special protective equipment for fire-fighting	If necessary, use self-contained breathing apparatus.

Section VI Accidental Release Measures	
Methods for cleaning spills	Wear protective gloves and safety glasses. Wipe up spilled product using tissue towels. Place waste in closed containers for disposal.

Section VII Handling and Storage	
Handling	Avoid contact with eyes, skin, mucous membranes and clothing.
Storage	Cryopreserved cells have to be stored below -130 °C immediately after arrival.

Section VIII Personal Protection and Exposure Control Information	
Eye protection	Safety glasses
Skin protection	Protective gloves and lab coat
Respiratory protection	Not required
Ventilation	Not required
Other protective equipment	Safety shower and eye bath

As a general hygiene measure, wash hands thoroughly after handling.

Section IX Physical and Chemical Properties	
Physical state	Frozen
Appearance	Clear solution
pH	7.2-7.4
Flash point	N/A
Oxidizing properties	N/A
Explosive properties	N/A
Vapor pressure	N/A

Section X Chemical Stability and Reactivity	
Product is stable. Hazardous polymerization will not occur.	

**Section XI Toxicological Data**

To the best of our knowledge, the chemical, physical, toxicological properties have not been thoroughly investigated. May cause skin irritation. May be harmful if absorbed through skin. May cause eye irritation. May be harmful if swallowed. Material may be irritating to mucous membranes upper respiratory tract.

**Section XII Ecological Information**

No data available.

**Section XIII Disposal**

Follow all federal, state and local environmental regulations for disposal.

**Section XIV Transport Information**

This product is not subject to any transport regulations.

**Section XV Biohazard Warning**

Tissue fractions such as hepatocytes should be considered as potentially biohazardous, and should be treated as biohazards in the laboratory.

**Section XVI Classification and Regulatory Information**

In accordance to current EC-Regulations this product is exempt from specific labeling requirements.

**Section XVII Other Information / Disclaimer**

The information, data, recommendations contained herein are believed to be accurate but may not be all-inclusive and should only be used as a guide. PRIMACYT Cell Culture Technology GmbH makes no warranty of any kind whatsoever with respect thereto disclaims all liability from reliance thereon. We reserve the right to revise this MSDS periodically as new information becomes available.

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