

# Safety Data Sheet

## Lymphoprep

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : Lymphoprep

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Isolation of mononuclear cells from human blood using centrifugation techniques

##### Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Axis-Shield PoC AS (trading name of Alere Technologies AS)  
Kjelsåsveien 161, P.O. Box 6863, Rodeløkka  
NO-0504 Oslo - Norway  
T +47 24 05 60 00 - F +47 24 05 60 10  
[pocweb@no.axis-shield.com](mailto:pocweb@no.axis-shield.com) - [www.axis-shield-density-gradient-media.com](http://www.axis-shield-density-gradient-media.com)

##### Manufacturer

Axis-Shield PoC AS (trading name of Alere Technologies AS)  
Kjelsåsveien 161, P.O. Box 6863, Rodeløkka  
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Contact person : Remy Hagnar ([remy.hagnar@alere.com](mailto:remy.hagnar@alere.com))

#### 1.4. Emergency telephone number

Emergency number : 112 # The UK National Poisons Emergency number: +44 870 600 6266 WEB:  
<http://www.toxbase.org>

Country	Organisation/Company	Address	Emergency number
United Kingdom	National Poisons Information Service (Newcastle Unit)	Claremont Place Newcastle-upon-Tyne, Newcastle	+44 191 2606182/+44 191 2606180 24H

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable

#### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Diatrizoic acid dihydrate	(CAS No) 117-96-4 (EC no) 204-223-6 (REACH-no) 01-2119966142-40-0000	9.1	Not classified
polysaccharide	(CAS No) 26873-85-8 (EC no) 200-334-9 (REACH-no) N/A	5.7	Not classified

Full text of H-statements: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Assure fresh air breathing.
- First-aid measures after skin contact : Wash skin with soap and water. Get medical attention if any discomfort continues.
- First-aid measures after eye contact : Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
- First-aid measures after ingestion : Rinse nose, mouth and throat with water. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : No specific symptoms noted.

### 4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable according to national regulations concerning flammable goods.
- Hazardous decomposition products in case of fire : Thermal decomposition generates: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 5.3. Advice for firefighters

- Firefighting instructions : No specific fire fighting procedure given.
- Protection during firefighting : Do not enter fire area without proper personal protective equipment, including respiratory protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin and eyes. Wear appropriate personal protective equipment - see Section 8.

#### For non-emergency personnel

- Protective equipment : Wear protective clothing as described in Section 8 of this safety data sheet.
- Emergency procedures : No special precautions required.

#### For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.

### 6.2. Environmental precautions

Prevent discharge of larger quantity to drain.

### 6.3. Methods and material for containment and cleaning up

- For containment : Collect all waste in suitable and labelled containers and dispose according to local legislation.
- Methods for cleaning up : Pick up mechanically or absorbed with inert material vermikulit, sand, dolomite, diatoms, etc.

### 6.4. Reference to other sections

See section 13 for waste handling.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid spilling, skin and eye contact.
- Hygiene measures : Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions	: Store in a closed container. Protect from sunlight. Store in a well-ventilated place. Keep above the chemical's freezing point. Protect against frost.
Storage temperature	: 4 - 30 °C

**7.3. Specific end use(s)**

No additional data.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

Appropriate engineering controls	: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Personal protective equipment	: In case of splash hazard: safety glasses.
Hand protection	: For exposure of 1 to 4 hours use gloves made of: Nitril. Suitable gloves can be recommended by the glove supplier. STANDARD EN 374
Eye protection	: Chemical goggles or safety glasses. STANDARD EN 166
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Normally not required



Other information : Do not eat, drink or smoke during use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: Colourless.
Odour	: No characteristic odour.
Odour threshold	: No data available
pH	: 6.3 - 7.3
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.077
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non flammable.
Explosive limits	: No data available

**9.2. Other information**

No additional information available

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No incompatible groups noted.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Will not polymerise.

**10.4. Conditions to avoid**

Direct sunlight. Freezing.

**10.5. Incompatible materials**

No information.

**10.6. Hazardous decomposition products**

Stable under normal temperature conditions and recommended use.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 6.3 - 7.3
Serious eye damage/irritation	: Not classified pH: 6.3 - 7.3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Ecology - general : Not regarded as dangerous to the environment. This does not, however, rule out the possibility that large or frequent smaller emissions of the product may be harmful to the environment.

**12.2. Persistence and degradability**

<b>Lymphoprep</b>	
Persistence and degradability	No data available.

**12.3. Bioaccumulative potential**

<b>Lymphoprep</b>	
Bioaccumulative potential	Unknown.
<b>Diatrizoic acid dihydrate (117-96-4)</b>	
Log Pow	1.37

**12.4. Mobility in soil**

<b>Lymphoprep</b>	
Ecology - soil	The product is water soluble and may spread in water systems.

**12.5. Results of PBT and vPvB assessment**

<b>Lymphoprep</b>	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

**12.6. Other adverse effects**

Other adverse effects : No information.  
 Additional information : Avoid release to the environment

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

- Regional legislation (waste) : Disposal must be done according to official regulations.
- Waste treatment methods : Dispose of waste and residues in accordance with local authority requirements.
- Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
- Additional information : The given LoW-code is a guiding, and the code depends on how the waste is formed. User must evaluate the choice of correct code.
- European List of Waste (LoW) code : 18 01 07 - chemicals other than those mentioned in 18 01 06

**SECTION 14: TRANSPORT INFORMATION**

In accordance with ADR / RID / IMDG / IATA / ADN

<b>14.1. UN number</b>	Not regulated for transport
<b>14.2. UN proper shipping name</b>	
<b>14.3. Transport hazard class(es)</b>	
<b>14.4. Packing group</b>	
<b>14.5. Environmental hazards</b>	
No supplementary information available	

**14.6. Special precautions for user**

- Special transport precautions : No particular precautions

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- IBC code : No IBC-code for bulk transport offshore (MARPOL).

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU-Regulations**

- Contains no REACH substances with Annex XVII restrictions
- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances

**National regulations**

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: OTHER INFORMATION**

Indication of changes:

3	Composition/information on ingredients	Modified	
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- Supersedes : 01/06/2015
- Version : 2.0
- Signature : K. Dyreskog

*The information in this safety data sheet is based on information from the manufacturer/supplier, present European and national legislation, and presupposes that the product is used within the specified area of application.*