

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 01/11/2005

Internal No.:

Replaces date: 25/04/2003

### 100019 (Concentrated blood)

#### 1. IDENTIFICATION OF PRODUCT AND COMPANY



TRADE NAME	100019 (Concentrated blood)
APPLICATION	Product for practice.

##### Producer/importer

Company	Laerdal Medical AS
Address	Pb. 377 Sentrum
Postal code	N-4002 Stavanger
Country	Norway
Telephone	+ 47 51 51 17 00
Fax	+ 47 51 52 35 57

##### Emergency Telephones

Emergency Phone	Information
+44 08 45 46 47	NHS Direct

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS



No	Ingredient name	EC No.	CAS No.	Conc. (wt%)	Classification
1	dye			1 - 5 %	No classification required
2	glycerol	200-289-5	56-81-5	60 - 100 %	No classification required
Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Carc. = Carcinogenic, Mut. = Mutagenic, Repr. = Reproductive					

##### INGREDIENT COMMENTS

The composition of the product is confidential. The datasheet is based on this information.

#### 3. HAZARDS IDENTIFICATION



##### HEALTH

May be irritating to eyes.May cause irritation to the respiratory system.May cause slight irritation to the skin.

##### FIRE AND EXPLOSION

Not flammable, but combustible.

##### ENVIRONMENT

Not regarded as dangerous for the environment.

#### 4. FIRST AID MEASURES



##### INHALATION

Provide fresh air, keep the patient warm and at rest. Seek medical attention if any signs of unconsciousness or discomfort develop.

##### SKIN CONTACT

Wash skin with soap and water.Remove contaminated clothing immediately.Get medical advice if discomfort develops.

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#### EYE CONTACT

Flush immediately with a soft jet of lukewarm water, also under the eyelids. Remove any contact lenses. Get medical attention if any discomfort continues.

#### INGESTION

Do not induce vomiting. Give 1-2 glasses of water to drink if the affected person is fully conscious. Contact physician if larger quantity has been consumed.

#### 5. FIRE-FIGHTING MEASURES



##### EXTINGUISHING MEDIA

Water spray, fog or mist, foam, dry chemical, carbon dioxide (CO<sub>2</sub>).

##### EXTINGUISHING METHODS

Protect against heat, use water to cool containers. Move containers from fire area if it can be done without risk. Fight fire from a well-protected position.

##### FIRE AND EXPLOSION HAZARDS

The product is combustible, but not flammable. Fire may cause formation of: Oxides of carbon (COX). Acrolein.

##### PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

General: Evacuate all personnel, use protective equipment for fire fighting. Use a portable breathing apparatus when the product is involved in a fire.

#### 6. ACCIDENTAL RELEASE MEASURES



##### METHODS FOR CLEANING UP

Wipe up small amounts with rags/paper towels.

#### 7. HANDLING AND STORAGE



##### HANDLING ADVICE

Avoid intense heating.

##### STORAGE

Store isolated from oxidizing materials.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION



##### EXPOSURE CONTROL

Provide good ventilation. Wash at the end of each work shift and before eating, smoking and using the toilet. Provide eyewash station.

##### RESPIRATORY PROTECTION

Normally not necessary. If heating or other conditions cause vapour formation, use: Combination cartridge A/P2 (organic gases and particulates).

##### EYE PROTECTION

Wear tight-fitting goggles or face shield if there is a possibility of splashes/vapour formation.

##### HAND PROTECTION

Wear work gloves which are suited to the work area.

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#### OEL value

Ingredient name	Cas nr.	Interval	ppm	mg/m3	Year	Notes
Glycerol, mist		8 h		10,0	2005	

#### 9. PHYSICAL AND CHEMICAL PROPERTIES



Physical State	Paste.
Colour	Dark red.
Odour	None.
Solubility	Soluble in water.

#### 10. STABILITY AND REACTIVITY



##### STABILITY

The product is stable during normal use and handling.

##### CONDITIONS TO AVOID

Avoid intense heating.

##### MATERIALS TO AVOID

Oxidizing compounds.

#### 11. TOXICOLOGICAL INFORMATION



##### INHALATION

May have an irritating effect to the respiratory system.

##### SKIN CONTACT

May be irritating on protracted or repeated exposure.

##### EYE CONTACT

Vapour or splashes in the eye may cause irritation, redness, smarting and discomfort.

##### INGESTION

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### 12. ECOLOGICAL INFORMATION



##### ECOTOXICITY

Not regarded as dangerous for the environment.

##### MOBILITY

The product is soluble in water and is expected to remain in water.

##### DEGRADABILITY

Expected to be readily biodegradable.

##### ACCUMULATION

Not expected to bioaccumulate.

##### CONCLUSION

Prevent discharges into the sewage system, watercourses or ground.

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### 13. DISPOSAL CONSIDERATIONS

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#### GENERAL REGULATIONS

Larger quantities of spills/residues should be delivered to approved waste recipient or to recycling if such facilities exist.  
Removal of package: Containers must be emptied and removed according to local regulations, or reused without removing the label.

#### CATEGORY OF WASTE

EWC must be evaluated at the end of usage, possibly EWC: 07 06 99 wastes not otherwise specified

### 14. TRANSPORT INFORMATION

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Classified as Dangerous Goods: ☐ Yes ☒ No ☐ N/A

#### OTHER INFORMATION

Not considered as dangerous goods under ADR, RID, IMDG and IATA.

### 15. REGULATORY INFORMATION

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EC-Label ☒ No ☐ Yes ☐ N/A

#### REFERENCES

Directive 1999/45/EC.  
Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances.  
Directiv 2001/58/EC (91/155/EEC).  
European Waste Catalogue (EWC 2002).  
Regulations relating to transport of dangerous goods: ADR, RID, IMDG and IATA/ICAO.  
Occupational exposure limits (EH40/2005 )

### 16. OTHER INFORMATION

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#### INFORMATION SOURCES

Safety Data Sheets from producer.

#### VENDOR NOTES

The material safety data sheet is quality assured by Pride Chess in accordance with Norwegian regulations.  
Pride Chess applies a quality assurance system in accordance with ISO 9001:2000.

Revised by: Solvor Hetlelid

Pride Chess is not responsible for any incorrect information from the producer of this product.

ISSUED: 25/04/2003

#### REVISION HISTORY

Version	Rev. date	Responsible	Changes
1.0.0	25/04/2003	Kristin L. Dragsund	Preparation
2.0.0	01/11/2005	Solvor Hetlelid	Revision, regulations

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### **100019 (Concentrated blood)**

#### **SDS prepared by**

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