

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product type: Fixative
 Product name: ParasiTrap® Medium A AF FixSepar®
 Catalogue number(s): 8487/AF, 8488/AF, 8484/AF, 8490/AF, 8486/AF
 Manufacturer, importer, supplier: Biosepar Gesellschaft für Medizin- und Labortechnik mbH
 Adolf-Kolping-Str 34, D-84359 Simbach am Inn, Germany
 Tel.: +49 (0)8571 6028997, Fax: +49 (0)8571 6028999
 E-mail: mail@biosepar.de, Internet: www.biosepar.de
 Responsible person: Dr. Andreas Szabados
 Emergency telephone number: Giftnotruf Munich: Tel.: +49 (0)89 192 40
 International emergency: Contact local authorities
 Intended use: In vitro diagnostic medical device

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature of the preparation

CAS	Chemical Name	% Weight	EINECS*	Classification
56-81-5 / 17-21-1	Divalent and trivalent alcohols	< 2,0	200-289-5 203-473-3	H302
50-00-0	Formaldehyde	< 6,0	200-001-8	H314 / H373/H319
6131-90-4	Buffer stabilizers	< 0,1	N/A	
14933-08-5	Hydrophilic and hydrophobic detergents	< 0,1	205-788-1	H302
122965-43-9	Methylene blue	< 0,001	200-515-2	H302 / H373
	Aqua dest.	To complete 100 %		

* EINECS - EINECS

For the full text of the H phrases mentioned in this section, see section 16.

3. HAZARDS IDENTIFICATION

Classification: Toxic

Most important hazards

- Limited evidence of a carcinogenic effect
- May cause sensitization by skin contact



4. FIRST AID MEASURES

General advice	<ul style="list-style-type: none"> > Show this safety data sheet to the doctor in attendance > Avoid contact with skin, eyes and clothing > May cause sensitization by skin contact
Skin contact	> Wash off immediately with soap and plenty of water
Eye contact	<ul style="list-style-type: none"> > Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes > If eye irritation persists, seek medical attention
Inhalation	<ul style="list-style-type: none"> > Move to fresh air > If exposure symptoms persist, seek medical attention
Ingestion	<ul style="list-style-type: none"> > Call a physician or Poison Control Centre immediately > Do not induce vomiting > Never give anything by mouth to an unconscious person
Notes to physician	> Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash point	>105°C(>221°F)
Suitable extinguishing media	carbon dioxide (CO ₂) alcohol-resistant foam dry chemical
Extinguishing media which must not be used for safety reasons	No information available
Special protective equipment for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	No special environmental precautions required.
Methods for cleaning up:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Do not breathe vapors or spray mist.
 Ensure that ventilation is adequate before using this product.
 Avoid contact with skin and eyes.
 Take necessary personal protective precautions before using this product.

Technical measures/precautions:	Store in a tightly closed container. Store in a cool, dry, well ventilated area away from incompatible substances.
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Incompatible products:	Avoid strong bases, oxidizing agents.
Occupational exposure controls	
Engineering measures	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ensure adequate ventilation, especially in confined areas. As a rule, at least 10 air changes per hour are recommended at the workplace.

Exposure Limit Values

CAS	Chemical Name	% Weight	ACGIH*	FOEL*	EUOED*
56-81-5 17-21-1	Divalent and trivalent alcohols	2,0	N/A	N/A	N/A
50-00-0	Formaldehyde	6	N/A	N/A	N/A
6131-90-4	Buffer stabilizers	0,1	N/A	N/A	N/A
67-56-1	Hydrophilic and hydrophobic detergents	0,1	N/A	N/A	N/A
122965-43-9	Methylene blue	0,001	N/A	N/A	N/A

* ACGIH - Occupational Exposure Limits - TWAs

* FOEL - France Occupational Exposure Limits - TWA's (VME's)

* EUOED - EU Occupational Exposure Directive (98/24/EC) Indicative Occupational Exposure Limit Values (IOELV)

Personal protective equipment

Respiratory protection:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hand protection :	Wear appropriate protective gloves.
Eye protection:	Avoid contact with eyes.
Skin and body protection:	Wear tightly fitting safety goggles or safety glasses with side-shields light weight protective clothing to protect exposed skin.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Light weight protective clothing to protect exposed skin.
Environmental exposure controls:	No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Form:	liquid
Colour:	blue
Odour:	pungent

Important health safety and environmental information

pH:	5,2 – 6,0
Boiling point/range:	(212°F) 100°C
Flash point:	(>221°F)>105°C
Water solubility:	Soluble

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to avoid:	Extremes of temperature and direct sunlight
Materials to avoid:	Incompatible with strong bases Oxidizing agent
Hazardous decomposition products:	None under normal use
Polymerization:	Polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity component information
Product information

LD50/dermal/rat =:	No information available
LD50/oral/rat =:	No information available
Chronic toxicity:	Possible risks of irreversible effects Repeated contact may cause allergic reactions in very susceptible persons
Carcinogenic effects:	Cancer agent suspect
Mutagenic effects:	No information available
Reproductive toxicity:	No information available
Target organ effects:	No information available

12. ECOLOGICAL INFORMATION

Component information

CAS	Chemical Name	ACGIH*
56-81-5 /17-21-1	Divalent and trivalent alcohols	N/A
50-00-0	Formaldehyde	N/A
6131-90-4	Buffer stabilizier	N/A
14933-08-5	Hydrophilic and hydrophobic detergents	N/A
122965-43-9	Methylene blue	N/A

* ACGIH - Occupational Exposure Limits - TWA's

Ecotoxicity effect: No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	In accordance with local and national regulations
Contaminated packaging:	Empty containers should be rinsed and disposed of as appropriate for glass and plastic containers

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

SAFETY DATA SHEET

According to the regulation (EG) No. 1907/2006

Revised: 21.02.2018

Effective date: 21.02.2018

Version: 04

Replaces version: 03

15. REGULATORY INFORMATION

International inventories

CAS	Chemical name	% Weight	TSCA*	EINECS	DSL-Canada*	ENCS*
56-81-5 / 17-21-1	Divalent and trivalent alcohols	2,0	Present	200-289-5 203-473-3	Present	2-688
50-00-0	Formaldehyde	6	Present	200-001-8	Present	2-482
6131-90-4	Buffer stabilizers	0,1	N/A	N/A	N/A	01.02.92
14933-08-5	Hydrophilic and hydrophobic detergents	0,1	Present	205-788-1	Present	2-201
122965-43-9	Methylene blue	0,001	Present	200-515-2	Present	N/A

* TSCA - United States - Section 8 (b) Inventory (TSCA)

* EINECS - EINECS

* DSL - Canada - Domestic Substances List (DSL)

* ENCS - Japan Existing and New Chemical Substances (ENCS)

16. OTHER INFORMATION

H350	May cause cancer
H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H314	Causes severe skin burns and eye damage
H226	Flammable liquid and vapour
H315	Causes skin irritation
H400	Very toxic to aquatic life

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Biosepar GmbH shall not be held liable for any damages resulting from handling or from contact with the above product.

End of safety data sheet