

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

Product type:	Fixative and processing solution
Product name:	ParasiTrap <sup>®</sup> Medium A F
Catalogue number(s):	8487/A F, 8490/A F
Manufacturer, importer, supplier:	Biosepar Gesellschaft für Medizin- und Labortechnik mbH Am Industriepark 3, D-84453 Mühldorf am Inn Tel.: +49 (0)8631 167 48 55, Fax: +49 (0)8631 167 48 57 E-mail: mail@biosepar.de, Internet: www.biosepar.de
Emergency telephone number:	Giftnotruf München, Tel.: (+49) 089 192 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	Classification:	EINECS*
50-00-0	Formaldehyde	4.0	Carc.Cat.3 T C; R40 R23/24/25 R34 R43	200-001-8
67-56-1	Methyl alcohol	0.1-3	F T; R11 R23/24/25 R39/23/24/25	200-659-6
56-81-5	Glycerin	1.0	No dangerous	200-289-5
	Fat alcohol C12-C14 Ethoxylted, sulfate	0,01 -0,005	R38, R41	68891-38-3
85711-69-9	Sufon Acid C13-C17 secondary Alcane Sodium Salt	0,007-0,003	R22, R38, R41	288-330-3
61789-40-0	1-Propananmin, 3-Amino-N-(Carboxymethyl)-N,N-Dimethyl-,N Cocosacyl-Derivate, Hydroxy salt	0,005-0,001	R50,R36	263-058-8
N.A.	Water	To complete 100%	N.A.	N.A

\* EINECS - EINECS

For the full text of the R phrases mentioned in this Section, see Section 16

**3. HAZARDS IDENTIFICATION**

Classification: Xn - Harmful

**Most important hazards**

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



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According to EC Directive 2001/58/EC

**4. FIRST AID MEASURES**

General advice	> 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	> Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes > If eye irritation persists, seek medical attention
Inhalation	> Move to fresh air > If exposure symptoms persist, seek medical attention
Ingestion	> 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 <sub>2</sub> ) 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



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**7. HANDLING AND STORAGE**

**Handling**

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.

**Storage**

Technical measures/precautions: Store in a tightly closed container  
Store in a cool, dry, well ventilated area away from incompatible substances

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*
50-00-0	Formaldehyde	4.0	10ppmTWA	N/A	10 ppm TWA; 25 mg/m3 TWA
67-56-1	Methyl alcohol	0.1-3	200 ppm TWA	N/A	200 ppm TWA; 260 mg/m3 TWA
56-81-5	Glycerin	1.0	N/A	N/A	N/A
	Fat alcohol C12-C14 Ethoxylted, sulfate	0,01 -0,005	N/A	N/A	N/A
85711-69-9	Sufon Acid C13-C17 secondary Alcane Sodium Saltsecondary Alcane Sodium Salt	0,007-0,003	N/A	N/A	N/A
61789-40-0	1-Propananmin, 3-Amino-N-(Carboxymethyl)-N,N-Dimethyl-,N Cocosacyl-Derivate, Hydroxy salt	0,005-0,001	N/A	N/A	N/A
N.A.	Water	To complete 100%	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)



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**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:	colourless
Odour:	pungent

**Important health safety and environmental information**

pH:	N/D
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



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**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*
50-00-0	Formaldehyde	10ppmTWA
67-56-1	Methyl alcohol	0.4
56-81-5	Glycerin	N.A.
	Fat alcohol C12-C14 Ethoxylted, sulfate	Not available
85711-69-9	Sufon Acid C13-C17 secondary Alcane Sodium Saltsecondary Alcane Sodium Salt	Not available
61789-40-0	1-Propananmin, 3-Amino-N-(Carboxymethyl)-N,N-Dimethyl-,N Cocosacyl-Derivate, Hydroxy salt	Not available

\* 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

**15. REGULATORY INFORMATION**

Contains Formaldehyde  
 Indication of danger Xn - Harmful  
 R -phrase(s) R40 - Limited evidence of a carcinogenic effect  
 R43 - May cause sensitization by skin contact  
 S -phrase(s) S23 - Do not breathe vapor  
 S36 - Wear suitable protective clothing  
 S37 - Wear suitable gloves  
 S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)



International inventories

CAS	Chemical name	% Weight	TSCA*	EINECS	DSL-Canada*	ENCS*
50-00-0	Formaldehyde	1.6	Present	200-001-8	Present	2-482
67-56-1	Methyl alcohol	0.4	Present	200-659-6	Present	2-201
56-81-5	Glycerin	1.0			N/A	
	Fat alcohol C12-C14 Ethoxylted, sulfate	0,01 -0,005			Present	
85711-69-9	Sufon Acid C13-C17 secondary Alcane Sodium Saltsecondary Alcane Sodium Salt	0,007-0,003			Present	
61789-40-0	1-Propananmin, 3- Amino-N- (Carboxymethyl)-N,N- Dimethyl-,N Cocosacyl- Derivate, Hydroxy salt	0,005-0,001			Present	

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

\* EINECS - EINECS

\* DSL - Canada - Domestic Substances List (DSL)

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



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**16. OTHER INFORMATION**

Text of R phrases mentioned in Section 2

R10 - Flammable. R35 - Causes severe burns. R43 - May cause sensitization by skin contact. R40 - Limited evidence of a carcinogenic effect. R34 - Causes burns. R11 - Highly flammable.  
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Note: Formaldehyde solution contains 10-15% Methanol

Prepared on: 2006/03/17

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

This revised MSDS sheet supersedes previous version. In this revision the Risk and Safety Phrases have been re-evaluated (added) and it has been reformatted to be more compliant with Commission Directive 2001/58/EC.

End of safety data sheet