Printing date 26.04.2018

*

*

Version number 3

Revision: 06.04.2018

Article number: 15240 CAS Number: 59-14-3 EC number: 200-415-9 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the substance / the mixture Laboratory chemicals 1.3 Details of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-0 FAX: +49 6221 13840-0 FAX: +49 6221 13840-0 FAX: +49 6221 13840-0 (advisory service lephone number: Medical Emergency telephone number: 1.4 Emergency telephone number: 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Medical Support is classified and labelled according to the CLP regulation. Marand pictograms GH508 Signal word Warning Medical Support is piccial instructions before use. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions ha	. 1 1 Product identifier	of the substance/mixture and of th	α company/undertaking
Article number: 15240 CAS Number: 59-14-3 EC number: 200-415-9 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 I 4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Chemer Main: - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification SECTION 2: Hazards identification SECTION 2: Hazards identification SECTION 2: Hazards identification Classification of the substance or mixture Classification a file substance or mixture Classification a file substance or mixture Classification a file substance or cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. P202 Do not handle until all safety precautions have been read and understood. P203 Mo on handle until all safety precautions have been read and understood. P204 Do not handle until all safety precautions have been read and understood. P205 P30 Mear protective gloves/protective closhing/ey protection/face protection. P308+P313 IF exposed or concerned. Get medical advice/attention. P308+P313 IF exposed or concerned. Get medi	• 1.1 1 10uuli meniijier		SERVA
 EC number: 200-415-9 1.3 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-90115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency Itelephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard statements H351 Suspected of causing cancer. Poion of those of the substance or use. PO20 Do not handle until all safety precautions have been read and understood. P204 Obtain special instructions before use. P205 Do not handle until all safety precautions have been read and understood. P308 +P31 F exposed or concerned: Get medical advice/attention. P405 Store locked up. P308 +P31 F exposed or concerned: Can medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internatio regulations. 	• Trade name: <u>5-Bromo-2'-deoxy</u>	uridine	Electrophoresis
 59-14-3 EC number: 200-415-9 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benc-Str. 7 D-69115 Heidelberg Tel.: +49 6221 13840-10 msds.inf@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency Itelephone number: Medical Energency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification of the substance or mixture Classification of the substance or mixture Classification for the substance or mixture Classification go the substance or mixture Classification according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P203 Do not handle until all safety precautions have been read and understood. P204 Wear protective gloves/protective clothing/eye protection/ace protection. P308+P313 IF exposed or concerned: Get medical advic	• Article number: 15240		
 EC number: 200-415-9 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Ben:-Str. 7 D-69115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification SECTION 2: Hazards identification Care: 2 H351 Suspected of causing cancer. 2.2 Label elements Labeling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Procuentional statements H351 Suspected of causing cancer. Procuotionary statements H351 Suspected of causing cancer. Procuotionary statements H351 Suspected of causing cancer. P01 Obtain special instructions before use. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P304 H231 Fexposed or concerned: Get medical advice/attention. P308 H231 IF exposed or concerned: Get medical advice/attention. P308 H231 IF exposed or concerned: Get medical advice/attention. P309 Dispose of contents/container in accordance with local/regional/national/internation regulations. P300 Dispose of contents/container in accordance with local/regional/national/internation regulations			
 200-415-9 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison hiformation Center Mainz - Phone: +49 (0) f31 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Teace 1 H351 Suspected of causing cancer. 2.2 Label elements Labeling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Huard statements H351 Suspected of causing cancer. Procutionary statements H351 Suspected of causing cancer. Precautionary statements Pairo Hypores (Eds) Pai			
 1.3 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-90115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel:: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labeling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precunionary Statements H351 F exposed or concerned: Get medical advice/attention. P308 (P313) If exposed or concerned: Get medical advice/attention. P308 (P313) If exposed or concerned: Get medical advice/attention. P308 (P313) If exposed or concerned: Get medical advice/attention. P308 (P313) If exposed or concerned: Get medical advice/attention. P308 (P313) If exposed or concerned: G			
No further relevant information available. Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel:. +49 6221 13840-0 FAX: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard biogramus GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P380 Wear protective gloves/protective clothing/eye protection/face protection. P384-P3131 Fe xposed or concerned: Get medical advice/attention. P308+P3131 Fe xposed or conternet/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards		he substance on minture and uses ad	luised against
 Application of the substance / the mixture Laboratory chemicals 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS08 Carc. 2 H351 Suspected of causing cancer. 2.2 Labél elements Labéling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Iffizial pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/exp protection/face protection. P308 +P313 If exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			wiseu uguinsi
 Jetails of the supplier of the safety data sheet Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel.: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 I.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification SECTION 2: Hazards identification Carc. 2: H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard statements H351 Suspected of causing cancer. Precautionary statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P201 Obtain special instructions before use. P201 Obtain special instructions before use. P201 Do not handle until all safety precautions have been read and understood. P308 +P313 If exposed or concerned: Get medical advice/attention. P308 +P313 If exposed or concerned: Get medical advice/attention. P308 Wear protective gloves/protective clothing/eye protection/face protection. P308 Wear protective clothing/eye protection/face protection. P308 H2313 He exposed or concerned: Get medical advice/attention. P405 Store locked			
 Manufacturer/Supplier: SERVA Electrophoresis GmbH Carl-Berz-Str. 7 D-69115 Heidelberg Tel.: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 - 1.4 Emergency telephone number: Medical Emergency telephone number: SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements 1 abelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard stements H351 Suspected of causing cancer. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P208 Wear protective gloves/protective clothing/eye protection/face protection. P405 Store locked up. P308 HS4313 Fe exposed or concerned: Get medical advice/attention. P405 Store locked up. P304 Dispose of contents/container in accordance with local/regional/national/internatio regulations. 2.3 Other hazards 			
SERVA Electrophoresis GmbH Carl-Benz-Str. 7 D-69115 Heidelberg Tel.: +49 6221 13840-0 FAX: +49 6221 13840-0 FAX: +49 6221 13840-0 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1-1 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification • 1.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 © GHS08 Carc. 2 H351 Suspected of causing cancer. • 2.2 Label elements Labeling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signat word Warning Hazard statements H321 Suspected of causing cancer. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P308 +P313 IF exposed or concerned: Get medical advice/attention. P308 War protective glove		? safety data sheet	
Carl-Benz-Str. 7 D-69115 Heidelberg Tel: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 -1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification -2.1 Classification of the substance or mixture - Classification of the substance or mixture - Classification of the substance or mixture - Classification according to Regulation (EC) No 1272/2008			· Co
D-69115 Heidelberg Tel.: +49 6221 13840-10 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 -1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification - 2.1 Classification of the substance or mixture - Classification of the substance or mixture - Classification according to Regulation (EC) No 1272/2008	-		
Tel.: +49 6221 13840-0 FAX: +49 6221 13840-10 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification • 2.1 Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008 VVV GHS08 Carc. 2 H351 Suspected of causing cancer. • 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard statements Hazard statements Hazard statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P304 P305 store locked up. P305			5
 msds.info@serva.de Information department: Product Safety department Tel.: +49 6221 13840-35 I.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The substance is classified of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard statements Hazard statements Hazard statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P203 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internatio regulations. 2.3 Other hazards 		.0	
 Information department: Product Safety department Tel.: +49 6221 13840-35 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard statements H351 Suspected of causing cancer. Precautionary statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P203 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internatio regulations. 2.3 Other hazards 	FAX: +49 6221 13840-10		
 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008	msds.info@serva.de		
 1.4 Emergency telephone number: Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008	· Information department: Produ	act Safety department Tel.: +49 6221	13840-35
Medical Emergency Information in case of poisoning: Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification • 2.1 Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008 Image: Content S • Carc. 2 H351 Suspected of causing cancer. • 2.2 Label elements • Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. • Hazard pictograms GHS08 Signal word Warning • Hazard statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. •2.3 Other hazards			
 Poison Information Center Mainz - Phone: +49 (0) 6131 19240 (advisory service in German or English language) SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			
SECTION 2: Hazards identification • 2.1 Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008 • $i \in I$ </td <td></td> <td></td> <td></td>			
 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS08 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 	(advisory service in German or H	English language)	
 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS08 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			
 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 GHS08 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 	SECTION 2: Hazards identif	fication	
 Classification according to Regulation (EC) No 1272/2008 GHS08 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			
 <i>Carc.</i> 2 H351 Suspected of causing cancer. <i>Carc.</i> 2 H351 Suspected of causing cancer. <i>Labelling according to Regulation (EC) No</i> 1272/2008 The substance is classified and labelled according to the CLP regulation. <i>Hazard pictograms</i> GHS08 <i>Signal word Warning</i> <i>Hazard statements</i> <i>H351</i> Suspected of causing cancer. <i>Precautionary statements</i> <i>P201</i> Obtain special instructions before use. <i>P202</i> Do not handle until all safety precautions have been read and understood. <i>P280</i> Wear protective gloves/protective clothing/eye protection/face protection. <i>P308+P313</i> IF exposed or concerned: Get medical advice/attention. <i>P405</i> Store locked up. <i>P501</i> Dispose of contents/container in accordance with local/regional/national/internation regulations. <i>2.3</i> Other hazards 			
 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 	· Classification according to Regi	ulation (EC) No 1272/2008	
 Carc. 2 H351 Suspected of causing cancer. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			
 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			
 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 	GHS08		
 Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 			
 The substance is classified and labelled according to the CLP regulation. Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 		sing cancer.	
 Hazard pictograms GHS08 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 2.3 Other hazards 	Carc. 2 H351 Suspected of cause	sing cancer.	
 Signal word Warning Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause		
 Hazard statements H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulating The substance is classified and labelling	ion (EC) No 1272/2008	tion.
 H351 Suspected of causing cancer. Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08	ion (EC) No 1272/2008	tion.
 Precautionary statements P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning	ion (EC) No 1272/2008	tion.
 P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulati The substance is classified and lo • Hazard pictograms GHS08 • Signal word Warning • Hazard statements	ion (EC) No 1272/2008 abelled according to the CLP regulat	tion.
 P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulating The substance is classified and log • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cancel	ion (EC) No 1272/2008 abelled according to the CLP regulat	tion.
 P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulation The substance is classified and log • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cancer • Precautionary statements	ion (EC) No 1272/2008 abelled according to the CLP regulat	tion.
 P308+P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulation The substance is classified and log • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cancer • Precautionary statements P201 Obtain special instru-	ion (EC) No 1272/2008 abelled according to the CLP regulat err. ructions before use.	
 P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of cause • 2.2 Label elements • Labelling according to Regulation The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cancer • Precautionary statements P201 Obtain special instru- P202 Do not handle until	ion (EC) No 1272/2008 abelled according to the CLP regulat eer. ructions before use. all safety precautions have been read	d and understood.
 P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. • 2.3 Other hazards 	Carc. 2 H351 Suspected of caus • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cance • Precautionary statements P201 Obtain special instri- P202 Do not handle until P280 Wear protective glo	ion (EC) No 1272/2008 abelled according to the CLP regulat eer. cuctions before use. all safety precautions have been read wes/protective clothing/eye protection	d and understood.
regulations. • 2.3 Other hazards	Carc. 2 H351 Suspected of caus • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cance • Precautionary statements P201 Obtain special instru- P202 Do not handle until P280 Wear protective glo P308+P313 IF exposed or conce	ion (EC) No 1272/2008 abelled according to the CLP regulat eer. cuctions before use. all safety precautions have been read wes/protective clothing/eye protection	d and understood.
	Carc. 2 H351 Suspected of caus • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cance • Precautionary statements P201 Obtain special instru- P202 Do not handle until P280 Wear protective glo P308+P313 IF exposed or conce P405 Store locked up.	ion (EC) No 1272/2008 abelled according to the CLP regulat eer. cuctions before use. all safety precautions have been read wes/protective clothing/eye protection erned: Get medical advice/attention.	d and understood. n/face protection.
· Results of PBT and vPvB assessment	Carc. 2 H351 Suspected of caus • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cance • Precautionary statements P201 Obtain special instr. P202 Do not handle until P280 Wear protective glo P308+P313 IF exposed or conce P405 Store locked up. P501 Dispose of content regulations.	ion (EC) No 1272/2008 abelled according to the CLP regulat eer. cuctions before use. all safety precautions have been read wes/protective clothing/eye protection erned: Get medical advice/attention.	d and understood. n/face protection.
	Carc. 2 H351 Suspected of caus • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cance • Precautionary statements P201 Obtain special instr P202 Do not handle until P280 Wear protective glo P308+P313 IF exposed or conce P405 Store locked up. P501 Dispose of conten- regulations. • 2.3 Other hazards	ion (EC) No 1272/2008 abelled according to the CLP regulat ever. all safety precautions have been read wes/protective clothing/eye protection erned: Get medical advice/attention.	d and understood. n/face protection.
• <i>PBT:</i> Not applicable. (Contd. on pa	Carc. 2 H351 Suspected of caus • 2.2 Label elements • Labelling according to Regulati The substance is classified and la • Hazard pictograms GHS08 • Signal word Warning • Hazard statements H351 Suspected of causing cance • Precautionary statements P201 Obtain special instri- P202 Do not handle until P280 Wear protective glov P308+P313 IF exposed or conce P405 Store locked up. P501 Dispose of conten- regulations. • 2.3 Other hazards • Results of PBT and vPvB assess	ion (EC) No 1272/2008 abelled according to the CLP regulat ever. all safety precautions have been read wes/protective clothing/eye protection erned: Get medical advice/attention.	d and understood. n/face protection.

Printing date 26.04.2018

Version number 3

Revision: 06.04.2018

(Contd. of page 1)

Trade name: 5-Bromo-2'-deoxyuridine

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.1 Chemical characterisation: Substances

· CAS No. Description:

- 59-14-3 Broxuridine
- Identification number(s):
- EC number: 200-415-9
- · Description:
- · Empirical formula: $C_9 H_{11} Br N_2 O_5$
- MW: 307.10

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- · After inhalation Supply fresh air; consult doctor in case of complaints.
- · After skin contact Immediately rinse with water.
- · After eye contact Rinse opened eye for several minutes under running water.
- · After swallowing
- Rinse out mouth and then drink plenty of water.
- If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents
- CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- \cdot 5.2 Special hazards arising from the substance or mixture
- In case of fire, the following can be formed, but not limited to:
- Nitrogen oxides (NOx)
- Hydrogen bromide (HBr)
- Carbon monoxide and carbon dioxide
- 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing.
- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- Dispose contaminated material as waste according to item 13.
- 6.4 Reference to other sections
 See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

(Contd. on page 3)

Printing date 26.04.2018

Version number 3

Revision: 06.04.2018

Trade name: 5-Bromo-2'-deoxyuridine

(Contd. of page 2)

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Prevent formation of dust.

Ensure good ventilation/exhaustion at the workplace.

· Information about protection against explosions and fires: No special measures required.

- 7.2 Conditions for safe storage, including any incompatibilities
- · Storage
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Store in dry conditions.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.

- · 8.1 Control parameters
- · Components with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists that were valid during the creation were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment
- General protective and hygienic measures Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.
- **Breathing equipment:** Short term filter device: Filter P2.
- · Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/

the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Natural rubber, NR Nitrile rubber, NBR

- Eye protection: Safety glasses
- · Body protection: Protective work clothing.
- **SECTION 9: Physical and chemical properties**
- · 9.1 Information on basic physical and chemical properties
- · General Information
- · Appearance: Form:

Powder

(Contd. on page 4)

Printing date 26.04.2018

Version number 3

Revision: 06.04.2018

Trade name: 5-Bromo-2'-deoxyuridine

	(Contd. of page	ige 3)
Colour:	White	
· Odour:	Odourless	
· Change in condition		
Melting point/freezing point:	181 - 188 °C	
Initial boiling point and boiling re	ange: undetermined	
· Flash point:	Not applicable	
· Flammability (solid, gaseous)	Product is not flammable.	
· Explosive properties:	Product does not present an explosion hazard.	
· Density:	Not determined	
· Solubility in / Miscibility with		
Water at 20 °C:	17 g/l	
• Organic solvents at 20 •C:	30 g/l (in Formamide)	
• 9.2 Other information	There are no more data available.	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available.
- \cdot 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

- Acute toxicity Based on available data, the classification criteria are not met.
- · LD/LC50 values that are relevant for classification:

Oral LD50 8400 mg/kg (rat)

- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.

· Carcinogenicity

- Suspected of causing cancer.
- · Reproductive toxicity Based on available data, the classification criteria are not met.

• STOT-single exposure Based on available data, the classification criteria are not met.

- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.

(Contd. on page 5)

GB

Printing date 26.04.2018

Version number 3

Revision: 06.04.2018

Trade name: 5-Bromo-2'-deoxyuridine

- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

· 12.5 Results of PBT and vPvB assessment

· **PBT:** PBT - assessment not available.

· **vPvB**: vPvB - assessment not available.

• 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II Marpol and the IBC Code	of Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· ADR · Transport category	-
· UN "Model Regulation":	Void

.

SECTION 15: Regulatory information

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

· National regulations

• Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

(Contd. on page 6)

GB

(Contd. of page 4)

Printing date 26.04.2018

Version number 3

Revision: 06.04.2018

Trade name: 5-Bromo-2'-deoxyuridine

(Contd. of page 5)

GB

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Product safety department

· Contact: +49 6221 13840-35 · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation PBT: persistent, bioaccumulative, toxic substance (REACH) vPvB: very persistent, very bioaccumulative substance (REACH) REACH: Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals CLP: Regulation on classification, labelling and packaging of substances and mixtures ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Carc. 2: Carcinogenicity – Category 2 • * Data compared to the previous version altered.