Printing date 10/23/2014 Safety Data Sheet acc. to OSHA HCS Previewed on 09/10/2014 Product identifier Reviewed on 09/10/2014 Prade name: Suspect 5 DNA_Lyophilized Reviewed on 09/10/2014 Catalog or product number: 9703621, 10040687 Reviewed on 09/10/2014 Catalog or product number: 9703621, 10040687 Reviewed on 09/10/2014 Details of the substance or mixture and uses advised egainst No further relevant information evaluable. Details of the substance of the mixture Laboratory chemicals Details of the supplier of the safety data sheet Bornardturer/Supplier: Group Boreadt More Drive 12000 Affed Nobel Drive Hercules. California 94547 (510)741-1000 Technical Services, customer in 12601247.4300 Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT.	EPOFAD Safety Data Sheet acc. to OSHA HCS Printing data 10/23/2014 Trade name: Suspect 5 DNA, Lyophilized Code letter and hazard designation of product: Code letter and hazard designation of product: Note:: Note: Note: Note: Note
2 Hazard(S) Identification - Classification of the substance or mixture Skin Irrit. 2 H315 Causes skin initiation. Eye Irrit. 2A H319 Causes serious eye irritation.	Ingestion Skin Other hazards - Results of PBT and vPvB assessment - PBT: Not applicable. - vPvB: Not applicable.
• Classification according to Directive 67/548/EEC or Directive 1999/45/EC Inflant to eyes. Inflant to skin. Inflant to respiratory system and skin. Xn; Harmful if evaluation	 Scomposition/informations on ingredients Chemical characterization: Mixtures Description: Mixture of the substances listed below with non-hazardous additions. Listing of dangerous and non-hazardous components:
 X; Initiant R36/38: Initiating to eyes and skin. R36/38: Initiating particular hazards for human and environment: Information concerning particular hazards for human and environment: The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. Classification system: The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data. 	 77-86-1 Ins(hydroxymethyl)aminomethane 7647-14-5 sodium chioride 7791-18-6 magnesium chioride hexahydrate 27565-41-9 (R[*], R[*])-(±)-1,4-dimercaptobulane-2,3-diol 9007-49-2 DNA from various sources Additional information For the wording of the listed risk phrases refer to section 15.
 Label elements Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials (Cont. on page 2) 	 If its cald measures Description of first aid measures General information Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the

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BIOFEAD Fage 58 Safety Data Sheet Reviewed on 09/10/2014 ophilized (Const. of page 1) h Fully miscible Fully miscible (Const. of page 1) Not explicable. (Const. of page 1) Not explicable. String date 10/2/2/014 Not explicable. String No further relevant information exailable. String String String	Not applicable. 0.0 % No further relevant information available.		Possibility of hazardous reactions No dangerous reactions known Conditions to avoid No further relevant information evaluable. Incompatible materials: No further relevant information available. Hazardous decomposition and the formation available. Hazardous decomposition and the formation available.	Waste treatment methods ······· ····· ···· ···· ···· ···· ···· ··· ·	Information on toxicological effects - Becommendation: Discussed must be made according to official regulations - Acute toxicity:	LD/LC50 values for hazardous components per OSHA criteria:	77-86-1 Tris(hydroxymethyl)aminomethane 71-81 [LD50] 5900 mg/kg (rat) 71-85-1 Tris(hydroxymethyl)aminomethane 71-85-1 Tris(hydroxymethylaminomethane 71-85-1 Tris(hydroxymethylaminomethane 71-85-1 Tris(hydroxymethane 71-85-	Primary irritant effect: · UN-Number on the skin: Irritant to skin and mucous membranes. · DOT, ADR, ADN, IMDG, IATA Void	 UN proper shipping name Sensitization. No sensitizing effects known. DOT, ADR, ADN, IMDG, IATA Void 	uct shows the following dangers according to the calculation method of the General EU Classification Guidelines	DOT, ADR, ADN, IMDG, IATA	- DOT, ADR, ADN, IMDG, IATA - Class - Packing group - DOT, ADR, IMDG, IATA	version: - DOT, ADR, ADN, IMDG, IATA - Class - Packing group - DOT, ADR, MDG, IATA - Class - Packing group - DOT, ADR, IMDG, IATA - Environmental hazards: - Marine pollutant:	OT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA DOT, ADR, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user	alth Administration) alth Administration) alth Administration alth Administration alth Administration alth Administration alth Administration block according to Annex II of MARPOLT378 and the JBC Code
Page 6/8 Safety Data Sheet acc. to OSHA HCS Proviewed on 09/10/2014 Shilized Sevent information available. Information available. Inther relevant information available. Inthe	evant information available. r No further relevant information available. further relevant information available. ant information available. varantus for water.	azarucus in waita. essment ier relevant information available.		disposers. er with household garbage. Do not allow product to reach sewage system.	vist be made according to official regulations				Void	Void Void	Void Void	Void Void Void	Void Void Void Void	Void Void Void Void No Not applicable.	

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Reviewed on 09/10/2014	Printing date 10/23/2014
	Trade name: Suspect 5 DNA, Lyophilized
(Contd. of page 6)	
	A Citit: A content of the content of
	ELINCS: European List of Notified Chemical Subst CAS: Chemical Abstrats Service (division of the / L.Co: Lethel concentration, 50 percent I DSD: Jahra Long SD concert
ance or mixture	Skin Intit 2: Skin corrosion/Intitation, Hazard Categ Eye Intit 2A: Schous eye damage/eye Intitation, Hi * On the Component of the construction
	-
Water hazard class: Generally not hazardous for water. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	
thute a guarantee for any specific product	
Life Science Group, Environmental Health and Safety, 2000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 741- 1000	
Diagnostic Group, Environmental Health and Safety, 4000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 724-7000 Date of preparation / last revision 10/23/2014 / -	
preement concerning the International Carriage of	
(Contd. on page 8)	
	Encrepsion Figure 2.3 Safety Data Sheet Fasioned on 00/10/2014 Serier, Lastin and environmental regulations specific by the substance or mixture Fasioned on 00/10/2014 Serier, Salad, Guerration and Fasic Sheet Fasioned on 00/10/2014 Serier, Salad, Guerration and Fasic Sheet Fasioned on 00/10/2014 Serier, Salad, Guerration and Communication and Comparison and Fasic Sheet Fasioned on 00/10/2014 Serier, Salad, Guerration and Communication and Comparison and Fasic Sheet Fasioned on 00/10/2014 Serier, Salad, Guerration, Act of 1985 - USA) Fasioned on 00/10/2014 Serier, Salad, Guerration, Act of 1985 - USA) Fasioned on 00/10/2014 Serier, Fasione Communication and Fasic Sheet Fasioned Communication Tri-65 11 Tashinghon president Agency P. Fasioned Communication and Communicatin and Communication and Communication and Comm

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