medical advice. Xn R22 Xi R36 Xi R36/38 35-50% Xi R36/38 35-50% 5.10% 1.0.2.5% 1.0.2.5% 1.0.2.5% 1.0.2.5% 1.0.2.5%	• Risk phrases: • Risk phrase • Results of exposure: • Imperiate and its container must be disposed of as hzardous waste. • Results of PET and vPuB assessment • PET: Not applicable. • VPUB: Not appli	• Meanifecture Science Group (\$10)741-1000 Bic-Ref Laboratories, Life Science Group (\$10)741-1000 Bic-Ref Laboratories, Life Science Group (\$10)741-1000 • Information department: (\$10)741-1000 Information department: (\$10)741-1000 • Enclose Cultornia 94547 (\$10)741-1000 • Classification of Laboratories, Life Science or mixture (\$10)741-1000 • Statistication of the substance or mixture (\$10)741-1000 • Classification of the substance or mixture (\$10)741-1000 • Classification of the substance or mixture (\$10)741-1000 • Classification of the substance or mixture (\$10,741-1000 • Classification super initiation: (\$10,741-1000 • Classification super initiation: (\$10,741-1000 • Classification super initiation: (\$10,100,110,110,110,110,110,110,110,110,
	Code letter and hazard designation of product:	Trade name: <u>Suspect 4 DNA, Lyophilized</u> Trade name: <u>Suspect 4 DNA, Lyophilized</u> Catalog or product number: 9703820, 10040686 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. No further relevant information available. Depite of the substance / the mixture Laboratory chemicals
(Contd. of page 1)	Trade name: Suspect 4 DNA, Lyophilized	1 Identification
Pege 2/8 Reviewed on 09/10/2014	Safety Data Sheet acc. to OSHA HCS Printing date 10/23/2014	Elo FAD Page 1/8 Safety Data Sheet acc. to OSHA HCS Printing date 10/23/2014 Reviewed on 09/10/2014

	BIURAD
	safety Data Sheet
Printing date 10/23/2014	Reviewed an 09/10/2014
Trade name: Suspect 4 DNA, Lyophilized	
 Exposure controls Personal protective equipment General protective and hygienic measures Keep away from foodstuffs, beverages 	(Conta. of page 3) ssures and feed.
Immediately remove all solled and com Wash hands before breaks and at the Avoid contact with the eyes and skin. - Protection of hands: Protective gloves - Material of gloves Synthetic gloves - Penetration time of glove material	and of work. s.
 Penetration time of glove material The exact break through time has to b Eye protection: Safety glasses Tightly sealed goggles. 	Penetration time of glove material Prive exect break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Eve protection: Safety glasses Tightly sealed goggles.
 Information on basic physical and c General Information Appearance: 	hemical properties
Odor: Odour threshold:	Solid Whitsh Octoriess Not determined.
- pH-value:	Not applicable.
 Change in condition Melting point/Melting range: Boiling point/Boiling range: 	undetermined undetermined
Flash point:	Not applicable
 Hammability (solid, gaseous) Ignition temperature: 	NOT DEFERITIFIED.
Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Lower:	Not determined. Not determined.
Vapor pressure:	Not applicable.
- Density: - Relative density - Vapour density - Evaporation rate	Not determined Not determined. Not applicable. Not applicable.
	Printing date 10/23/2014 Safety Diace. to O Trade name: Suspect 4 DNA, Lyophilized acc. to O • Exposure controls • Exposure controls • Exposure controls • Personal protective equipment • Ceneral protective equipment • General protective equipment • Protection from foodstuffs, beverages and fued Immediately remove all solid and contaminated clothing Wash hards to before breaks and at the end of work. • Avoid contact with the eyes and skin. • Protection of hards of glove material The exact brough time has to be found out by the m. • Exposure • Information on basic physical and chemical properties • Odour threshold: • Odour threshold: • Odour threshold: • Not determined • Production temperature: Not determined • Dange of explosion: Product densitied • Dange of explosion: Product determined • Dange of explosion: Product determined

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	BIOFAD
Page 5/8	Page 6/8 Safety Data Sheet
Printing date .	Reviewed on 09/10/2014
Trade name:	
	(Contd. of page 5)
Eye.	
* 12 Ecological information	
· Aquatic toxicity: No further relevant informat Persistence and degradability No further releva Bioaccumulative potential No further releva	on aveilable. want information available. t information available.
Additional ecological information Additional ecological information General notes: Generally not hazardous for t	r avariable. ater:
	vmation available.
	old garbage. Do not allow product to reach sewage system.
	Disposal considerations Waste treatment methods Recommendation Hand over to hazarifous waste disposers. 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.
	sld garbage. Do not allow product to reach sewage system. ccording to official regulations.
	sid garbage. Do not allow product to reach sewage system. coording to official regulations.
	old garbage. Do not allow product to reach sewage system. coording to official regulations. Void
	old garbage. Do not allow product to reach sewage system. ccording to official regulations. Void
affon Guidelines	xld garbage. Do not allow product to reach sewage system. coording to official regulations. Void
afion Guidelines	old garbage. Do not allow product to reach sewage system. ccording to official regulations. Void
ation Guidelines	old garbage. Do not allow product to reach sewage system. ccording to official regulations. Void Void Void
ation Guidelines	old garbage. Do not allow product to reach sewage system. ccording to official regulations. Void Void Void Void
ation Guidelines	old garbage. Do not allow product to reach sewage system. coording to official regulations. Void Void Void Void Not applicable.
afion Guidelines	old garbage. Do not allow product to reach sewage system. ccording to official regulations. Void Void Void Void Not applicable. Not applicable.
	Printing date 10/23/2014 Trade name: Suspect 4 DNA, Lyophilized Target organs: Skin: Eye: 172 Ecological Information 172 Ecological Information Persistence and degradability No butther relevant Persistence and degradability No butther relevant Mobility in soil No further relevant information: Additional ecological information: Additional ecological information: PBT: Not applicable. Other adverse effects No further relevant info

BIOLAD Page 7/8	BIORAD	Page 8/8
Safety Data Sheet	Safety Data Sheet	
Printing date 10/23/2014 Reviewed on 09/10/2014		Reviewed on 09/10/2014
Trade name: Suspect 4 DNA, Lyophilized	Trade name: Suspect 4 DNA, Lyophilized	
(Contd. d) page 6)		(Contd. of page 7)
· UN "Model Regulation":	ACGH, Andrean Contractioner Franskort Associational Industrial Hygienists ACGH, Andrean Contravence of Covernmental Industrial Hygienists EINECS: Europeen Inventory of Existing Commercial Commical Substances	
15 Regulatory Information	CASS Constructions of Maximum University of the American Chemical Society) CASS Chemical Abstracts Service Quivision of the American Chemical Society) LCSO Lethal dose, Boarcent	
Safety, health and environmental regulations/legislation specific for the substance or mixture SARA (Superfund Amendents and Reauthorization Act of 1986, JISA)	Skin Intit. 2: Skin corrosion/inflation, Hazard Category 2 Eye Intit. 24: Serious eye damage/eye intritation, Hazard Category 2A	
· Section 302/304 (40CFR355.30 / 40CFR355.40);	para comparen to the previous version aneren.	US¢
None of the ingredients is listed.		
Section 313 (4UC+R37269): None of the ingredients is listed.		
TSCA (Toxic Substances Control Act):		
7-86-1 [Ins(hydroxymethyl)aminomethane 7647-14-5 sodium chloride		
27565-41-9 (R*, R*)-(±)-1,4-dimercaptobutane-2,3-diol		
Carcinogenic categories EPA (Environmental Protection Agency)		
 TLV (Threshold Limit Value established by ACGIH) 		
None of the ingredients is listed.		
MAK (German Maximum Workplace Concentration)		
 NIOSH-Ca (Wational Institute for Occupational Safety and Health) 		
None of the ingredients is listed.		
· National regulations		
 Water hazard class: Generally not hazardous for water. Chemical safety assessment: A Chemical Safety Assessment has not been carried out. 		
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.		
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 / -		
ADE: Accord surpotents and act unyrins. ADE: Accord surpotents and anshort des marchandises dangerauses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Roeed; IMDC: International Manitime Code for Dangerous Goods		
DOT: US Department of Transportation (Contd. on page 8)		