

neodisher E	EM			
Version: 3 / GB	Replaces Version: 2 / GB	Date revised:	15.06.2017	Print date: 28.06.17
SECTION 1: Identifie	cation of the substance/r	nixture and of	the compan	y/undertaking
1.1. Product identif neodisher EM	ïer			
1.2. Relevant identi	ified uses of the substan	ce or mixture	and uses ad	lvised against
Use of the substan Washing and cle	ce/preparation eaning products (including solve	ent based products	6)	
 1.3. Details of the s Address: Chemische Fab Mühlenhagen 85 D-20539 Hambu Telephone no. Fax no. www.drweigert. E-mail address sida@drweigert 1.4. Emergency tele GBK/ Infotrac: (I SECTION 2: Hazards 2.1. Classification (R Classification (R Classification (R 	rik Dr. Weigert GmbH & Co. KG surg +49 40 789 60 0 +49 40 789 60 120 com s of person responsible for thi .de ephone number USA domestic) 1 800 535 5053	a sheet s SDS: or international +		
2.2. Label elements				
Labelling acco	rding to regulation (EC)	No 1272/2008		
	Harmful to aquatic life w tatements Avoid release to the env Dispose only when cont residues, refer to Safety ards have to be mentioned.	rironment. ainer is empty and Data Sheet.		sposal of product
SECTION 3: Compos	sition/information on ing	redients		
3.2. Mixtures Further ingredie	nts hoxylated, propoxylated			
CAS No. Concentration	68439-51-0 > 50 Regulation (EC) No. 1272/2008)		%	



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	Aquatic Chronic 3	H412	
SECTION 4: First a	id measures		
4.1. Description of	f first aid measures		
General inform	ation		
	sistent symptoms consult doctor.		
After inhalation			
	of fresh air. In the event of symp	otoms take medical treatment.	
After skin cont			
		water. Consult a doctor if skin irrita	ation persists.
After eye conta			e e e e e e e e e e e e e e e e e e e
		th water (15 min.). In case of irritati	on consult an oculist.
After ingestion	th and give plenty of water to dri	nle	
	onal protective measures w		
-	attention to self-protection!	men giving mist ald	
	nt symptoms and effects, ymptoms known so far.	both acute and delayed	
4.3. Indication of a	any immediate medical at	tention and special treatme	ent needed
Hints for the pl	nysician / hazards	-	
	swallowing with subsequent von monia or asphyxiation.	niting, aspiration of the lungs can or	ccur which can lead to
SECTION 5: Firefig	hting measures		
5.1. Extinguishing	media		
Suitable exting			
-	vder, Water spray jet		
	ds arising from the subst		
5.3. Advice for fire	-		
	•	ing	
• •	ive equipment for fire-fight bustion use a suitable breathing	-	
	ental release measures		
	autions, protective equip with skin, eyes and clothing.	ment and emergency proce	edures
6.2. Environmenta Do not allow to	Il precautions o enter drains or waterways.		
Pick up with at	material for containment psorbent material. Clean contam regulations. Dispose of as prese	inated floors and objects thoroughly	y, observing
6.4. Reference to Refer to protect	other sections ctive measures listed in Sections	7 and 8.	



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SECTION 7: Handling	g and storage				
7.1. Precautions for	safe handling				
Advice on protec No special meas	tion against fire a ures required.	ind expl	osion		
7.2. Conditions for s	safe storage, inc	luding	any incompati	bilities	
Recommended s	torage temperatu	re			
Value	>	0	< 30	°C	
-	r storage rooms a closed containers.	nd vess	els		
Hints on storage Do not store toge	assembly other with foodstuffs.				
•	cording to TRGS	510			
Storage class ac TRGS 510	•		Other combustible	and non-combu	stible substances
	on on storage col ghtly closed and dry.		i		
7.3. Specific end us					
no data					
no data					
no data SECTION 8: Exposur	e controls/perso	onal pro	otection		
	•	onal pro	otection		
SECTION 8: Exposur	ters	onal pro	otection		
SECTION 8: Exposur 8.1. Control parame Other information	ters				
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs	t ers n stances with occupat				
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr	ters n stances with occupat ols	ional exp			
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protective	ters n stances with occupat ols ve and hygiene me	ional exp easures	osure limit values.		
SECTION 8: Exposure 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protective Observe the usua	ters n stances with occupat ols ve and hygiene me al precautions for ha	ional exp easures	osure limit values.		
SECTION 8: Exposure 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protectiv Observe the usu Respiratory prote Not necessary, b	ters n stances with occupat ols ve and hygiene me al precautions for ha	ional exp easures ndling ch	osure limit values. emicals.	exceeded, a res	piratory protection
SECTION 8: Exposure 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protectiv Observe the usu Respiratory prote Not necessary, b	ters n stances with occupat ols ve and hygiene me al precautions for hai ection out do not inhale vapo	ional exp easures ndling ch	osure limit values. emicals.	exceeded, a res	piratory protection
SECTION 8: Exposure 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protectiv Observe the usua Respiratory prote Not necessary, b approved for this Hand protection	ters n stances with occupat ols ve and hygiene me al precautions for hai ection out do not inhale vapo	ional exp easures ndling ch	osure limit values. emicals.	exceeded, a res	piratory protection
SECTION 8: Exposure 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protective Observe the usua Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapo particular job must b nt gloves (EN 374) Permar	ional exp easures ndling ch purs. If we be worn.	osure limit values. emicals. orkplace limits are e	exceeded, a res	piratory protection
SECTION 8: Exposure 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protective Observe the usua Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate	ters n stances with occupat ols ve and hygiene me al precautions for har ection out do not inhale vapo particular job must b nt gloves (EN 374) Permar erial neoprer	ional exp easures ndling ch ours. If we be worn. nent hand	osure limit values. emicals. orkplace limits are e	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protectiv Observe the usur Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thicknes	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neopren s >=	ional exp easures ndling ch ours. If we be worn. nent hand ne 0,65	osure limit values. emicals. orkplace limits are e contact mm	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protection Observe the usua Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neopren is >= ne >	ional exp easures ndling ch ours. If we be worn. nent hand	osure limit values. emicals. orkplace limits are e	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protectiv Observe the usu Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim Appropriate Mate	ters n stances with occupat ols ve and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neopren is >= ne > erial nitrile	ional exp easures ndling ch burs. If we be worn. hent hand ne 0,65 480	osure limit values. emicals. orkplace limits are o contact mm min	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protection Observe the usua Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim	ters n stances with occupat ols ve and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neoprer is >= ne > erial nitrile is >=	ional exp easures ndling ch ours. If we be worn. nent hand ne 0,65	osure limit values. emicals. orkplace limits are e contact mm	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protectiv Observe the usur Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness	ters n stances with occupat ols re and hygiene me al precautions for har ection but do not inhale vapor particular job must b nt gloves (EN 374) Permar partial neoprer is >= he > erial nitrile is >= he >= he >	ional exp easures ndling ch burs. If wo be worn. nent hand ne 0,65 480 0,4	osure limit values. emicals. orkplace limits are o contact mm min mm	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protective Observe the usue Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neoprent s >= he > erial nitrile s >= he > erial butyl s >=	ional exp easures ndling ch ours. If we be worn. nent hanc 0,65 480 0,4 480 0,4 480 0,7	osure limit values. emicals. orkplace limits are o contact mm min mm min mm	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protection Observe the usus Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neoprer s >= ne > erial nitrile s >= ne > erial butyl s >= ne > erial butyl s >= ne >	ional exp easures ndling ch ours. If we be worn. nent hand 0,65 480 0,4 480 0,7 480	osure limit values. emicals. orkplace limits are of contact mm min mm min mm	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protection Observe the usur Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim Use	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neoprer s >= he > erial nitrile s >= he > erial butyl s >= he > erial butyl s >= he > Short-te	ional exp easures ndling ch ours. If we be worn. nent hanc 0,65 480 0,4 480 0,4 480 0,7	osure limit values. emicals. orkplace limits are of contact mm min mm min mm	exceeded, a res	piratory protection
SECTION 8: Exposur 8.1. Control parame Other information Contains no subs 8.2. Exposure contr General protection Observe the usus Respiratory prote Not necessary, b approved for this Hand protection Chemical resista Use Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim Appropriate Mate Material thickness Breakthrough tim	ters n stances with occupat ols re and hygiene me al precautions for har ection out do not inhale vapor particular job must b nt gloves (EN 374) Permar erial neoprem s >= ne > erial nitrile s >= ne > erial butyl s >= ne > erial butyl s >= ne > erial nitrile s >= ne > erial nitrile s >= ne > erial nitrile	ional exp easures ndling ch ours. If we be worn. nent hand 0,65 480 0,4 480 0,7 480	osure limit values. emicals. orkplace limits are of contact mm min mm min mm	exceeded, a res	piratory protection

Safety glasses with side protection shield (EN 166)



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Body protection Not necessary.							
SECTION 9: Physical	and chemica	al proj	perties				
9.1. Information on I				al pro	ortios		
Form		iquid	CHEIIIC		Jeillea	•	
Colour			ss to sligh	ntly yello	W		
Odour Odour throok old	C	characte	eristic				
Odour threshold Remarks	r	not dete	ermined				
pH value	I		annineu				
Value	a	appr.	6	to	8		
Concentration/H2			1	% °C			
Temperature Melting point			20				
Remarks	r	not dete	rmined				
Freezing point							
Remarks	r	not dete	ermined				
Initial boiling poir	nt and boiling	range					
Remarks	r	not dete	ermined				
Flash point							
Value		appr.	200			°C	
Evaporation rate Remarks		not date	ermined				
Flammability (sol			annineu				
evaluation		not dete	ermined				
Upper/lower flam	mability or exp	olosive	e limits				
Remarks	r	not dete	ermined				
Vapour pressure							
Remarks	r	not dete	ermined				
Vapour density Remarks	r	oot data	ermined				
Density	I		mineu				
Value			0,94			g/cm ³	
Temperature			20	°C		-	
Solubility in wate							
Remarks	İ	nsolubl	e				
Solubility(ies) Remarks	r	not date	ermined				
Partition coefficie			annineu				
Remarks			ermined				
Ignition temperat	ure						
Remarks		not dete	ermined				
Decomposition te	-						
Remarks	r	not dete	ermined				



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Viscosity					
dynamic Value Temperature Explosive prop		< 50 20	°C	mPa.s	
evaluation		not determ	ined		
Oxidising prop evaluation		None know	'n		
9.2. Other informa Other informati None known					
SECTION 10: Stabi	lity and reactiv	vity			
10.1. Reactivity No hazardous	reactions when sto	pred and ha	Indled according	to prescribed instruc	tions.
10.2. Chemical sta No hazardous	ability reactions known.				
10.3. Possibility of No hazardous	f hazardous re reactions known.	actions			
10.4. Conditions to No hazardous	o avoid reactions known.				
Decomposition Remarks	-	not determ	ined		
10.5. Incompatible None known	e materials				
10.6. Hazardous d No hazardous	ecomposition				
SECTION 11: Toxic	ological inform	nation			
11.1. Information	on toxicologica	al effects			
Acute oral toxic	city				
Species LD50 Method	rat > cal	2000 culated valu	ue (Regulation (mg/kg EC) No. 1272/2008)	
Acute oral toxic	city (Componen				
fatty alcohols, e Species LD50 Method	ethoxylated, prop rat > EE	oxylated 2000 C 84/449, E	3.1	mg/kg	
Acute dermal to					
Species LD50 Method	rat > cal	5000 culated valu	ue (Regulation (mg/kg EC) No. 1272/2008)	
	oxicity (Compor			_,	
	ethoxylated, prop	-			

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Species LD50 Acute inhalatior	rat > 5000		mg/kg	
Remarks	•	able data, the class	sification criteria a	re not met.
Skin corrosion/i				
Remarks		able data, the class	sification criteria a	re not met.
Serious eye dan	-			
Remarks	Based on avail	able data, the class	sification criteria a	re not met.
Sensitization Remarks	Based on avail	able data, the class	sification criteria a	re not met
	hronic, chronic toxicity	able data, the class		ie not met.
Remarks	•	able data, the class	sification criteria a	re not met.
Mutagenicity				
Remarks	Based on avail	able data, the class	sification criteria a	re not met.
Reproductive to	xicity			
Remarks		able data, the class	sification criteria a	re not met.
Carcinogenicity		alla lata di sulas.		
Remarks		able data, the class	sification criteria a	re not met.
Remarks	Organ Toxicity (STOT) not determined			
Other information	ards have to be mentioned. On			
There is no data	a available on the product apa gical information	art from the informa	ation given in this s	subsection.
12.1. Toxicity				
General informa not determined	tion			
Fish toxicity (Co	omponents)			
fatty alcohols, et Species LC50 Duration of exp Method	thoxylated, propoxylated guppy (Poecilia 1 osure 96 OECD 203	a retculata) to 10 h	mg/l	
Daphnia toxicity				
fatty alcohols, e Species EC50	h oxylated, propoxylated Daphnia magna 1	to 10	mg/l	
Duration of exp Method	osure 48 OECD 202	h		
Algae toxicity (C				
	hoxylated, propoxylated Scenedesmus	subspicatus		
EC50 Duration of exp Method	1	to 10 h	mg/l	

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De stanis (suis)				
	ty (Components)			
Species EC0 Method	ethoxylated, propoxylated Pseudomonas p > 100 OECD 209	outida	mg/l	
12.2. Persistence	and degradability			
General inform not determine	nation			
12.3. Bioaccumul	ative potential			
General inform not determine	nation	ed		
12.4. Mobility in s	oil			
General inform not determine	nation			
12.5. Results of P	BT and vPvB assessmen	t		
General inform not determine				
•	persistance and bioaccumu ontains no PBT or vPvB substar	-		
12.6. Other adver	se effects			
General inform	nation			
not determine	d			
The surfactan	nation / ecology t(s) contained in this preparation lation (EC) No.648/2004 on dete			
SECTION 13: Disp	osal considerations			
13.1. Waste treatr	nent methods			
Disposal recor	nmendations for the produc	ct		
Allocation of a	a waste code number, according agreement with the regional was	to the European Wa		(EWC), should be
	nmendations for packaging			

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.



neodisher EM Print date: 28.06.17 Replaces Version: 2/ Date revised: 15.06.2017 Version: 3/GB GB Information for all modes of transport 14.6. Special precautions for user See Sections 6 to 8 Other information 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable **SECTION 15: Regulatory information** 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Ingredients (Regulation (EC) No 648/2004) 30 % and more: non-ionic surfactants Water Hazard Class (Germany) Water Hazard Class WGK 2 (Germany) Remarks Classification according to Annex 4 VwVwS VOC VOC (EU) 0 % Other information The product does not contain substances of very high concern (SVHC). 15.2. Chemical safety assessment For this preparation a chemical safety assessment has not been carried out. **SECTION 16: Other information** Supplemental information Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.