

Revise: 0.01.0204 Section 1: identification of the subtrace/mixture and of the company/undertaking 1.1. Product identifie: Source and subtrace of mixture and uses adviced against 1.1. Reduced identifie: Supple: 1.1. Reduced identifie: Supple: 1.1. Reduced identifie: Supple: 1.1. Reduced identifie: Supple: 1.1. Reduced identifie: Cannet 1.1. Reduced identifie: Note: 1.1. Reduced identifie: Note: <th>Version number:</th> <th>5.0.</th> <th></th> <th>This safety data sheet replaces version</th> <th>4.0.1. dated:</th> <th>04.05.2</th>	Version number:	5.0.		This safety data sheet replaces version	4.0.1. dated:	04.05.2
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			<1% non-ionic surfactans	<1% perfumes		
Containing preservatives: Sodiumpyrithione, Benzisothiazolinone	Containing allergic substances according to	Dir. 2003/15/EC:				
	Containing preservatives:	Sodiumpyrithione, Benzisoth	hiazolinone			



SECTION 4: First aid measures			
4.1. Description of first aid mean	sures		
Following inhalation:			
No special measures are necessa	iry.		
Following skin contact:			
Rinse with Water.			
Following over contact:			
Following eye contact: In case of eye irritation consult a	an anthalmalogist		
in case of eye initiation consult a			
Following ingestion:			
Rinse mouth thoroughly with wa	ater		
General informations:			
In all cases of doubt, or when sy	mptoms persist, seek medical advice.		
Self-protection of the first aider:			
No special measures			
4.2. Most important symptoms	and effects, both acute and delayed	d	
Symptoms: if swallowed: Nau	usea		
Effects from exposure:	Gastrointestinal disorders		
-	e medical attention and special trea		
Special treatment:	To supervise the blood circulation.		
	Treat symptomatically. Antidotal di	dispensation.	
Defense i i i i i i i i i i i i i i i i i i i	dimensional and a state of the state		
Reference to provide specific and	d immediate treatment shall be avail	lable at the workplace: No special measures	
SECTION 5: Firefighting measure			
5.1. Extinguishing media	ures		
Suitable Extinguishing media:	Foam, Extinguishing powder, Carbo	on dioxide (CO2) Water mist	
Unsuitable extinguishing media:		on dioxide (CO2), water mist.	
5.2. Special hazards arising from			
Hazardous combustion products		Ox); Carbon monoxide (CO)	
5.3 Advice for fire-fighters:			
No special measures are necessa	ary.		
Fire class: Product itself doe	•		
SECTION 6: Accidental release	e measures		
6.1. Personal precautions, prote	ective equipment and emergency pr	rocedures	
6.1.1. For non-emergency persor	nnel		
(a) The wearing of suitable prote	ctive equipment: Use personal prote	ective equipment and observe protective measures under points 7 and 8.	
(b) Removal of ignition sources,	provision of sufficient ventilation, cor		
(c) Follow emergency plans		ontrol of dus	
6.1.2. For emergency responders	'	ontrol of dus	
Kana wana ta ta ta ta ta		ntrol of dus	
Keep unprotected people away a	S	personal protection equipment and see protective measures under point 7 and 8.	
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(b) prevent handling of incompation	
	tible substances or mixtures:
Do not mix with:	other cleaners
Keep away from:	other cleaners
The product is:	Not flammable
	nich alter the properties of the mixture
No special measures are necessa	iry.
(d) Measures that prevent the re	<u>elease into the environment:</u>
See chapter 8.	
Ventilation: No special measu	ires
Clean floors and contaminated o	bjects with: Water and soap
7.1.2. Advice on general occupa	ational hygiene:
Minimum standard for preventiv	ve measures while handling with working materials are specified in the TRGS 500.
When using do not eat, drink, sm	noke, sneeze. Avoid contact with skin, eye and clothing.
	· · · · · · · · · · · · · · · · · · ·
	, including any incompatibilities
Technical measures and storage	
Packaging materials:	Polyethylene (PE)
Requirements for storage room	
Suitable material for vessels:	Polyethylene (PE)
Suitable material for floors:	Material, cleaner-resistant
Further storage conditions:	No special measures
Hints on joint storage	
Hints on joint storage: Do not store together with:	Food and feedingstuffs
Further information on storage	
Protect against:	No special measures are necessary.
Storage:	Keep in the original container.
Storage temperature:	Frost-free between +1 up to +35 °C
Maximum period of storage (tim	<u>ne):</u> 36 month
Storage class:	Non-combustible liquids - Storage Class 12
7.3 Specific end uses	Recommendations: Observe instructions for use.
	Industrial sector specific solutions: Giscode: kein Giscode
SECTION 8: Exposure controls	;/personal protection
8.1 Control parameters	
Exposure limit	no
DNEL-values:	no
PNEC-Values:	no
8.2 Exposure controls	
8.2.1. Appropriate engineering c	
	ontrois
See section 7. No additional mea	
See section 7. No additional mea	
See section 7. No additional mea	asures necessary.
See section 7. No additional mea	asures necessary.
See section 7. No additional mea 8.2.2. Individual protection meas (a) Eye/face protection	asures necessary. sures, such as personal protective equipment
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See section 7. No additional mea 8.2.2. Individual protection meas (a) Eye/face protection Eye protection: (b) Skin protection <u>i) Hand</u> <u>protection:</u> No hand protection <u>ii) Additional hand protection me</u> No special measures (c) Respiratory protection <u>Respiratory protection</u> : (d) Thermal hazards	asures necessary. sures, such as personal protective equipment not required. ve neccessary, after handling the concentrated product wash hands emediately. <u>easures:</u>
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9.1 Information on basic physi		or the whole mixture				
(a) Physical state:	Liquid		(b) Colour:	milky		
(c) Odour: flowery						
(d) Melting point:	<0°C	freezing point:	0°C			
(e) Boiling point or initial boiling		> 100°C				
(f) Flammability (solid, gas):	Not flammable					
(g) Upper/lower flammability o						
Lower explosion		no data available				
Upper explosion		no data available				
(h) Flash point:	> 100°C					
(i) Auto-ignition temperature:	No data available					
(j) Decomposition temperature		ilable				
(k) pH (as supplied):	ca. 7					
(I) Viscosity (kinematic):	< 10 mm²/s					
(m) Water solubility(ies):	complete miscible	No. Jaka availabla				
(n) Partition coefficient n-octan		No data available				
(o) Vapour pressure:	48hPa					
(p) Density and/or relative density						
(q) Relative vapour density:	No data available					
(r) Particle characteristics:	Only apply to solids.					
9.2 Other information						
No further parameters necessa	ny .					
No fui ther parameters necessa	ıy.					
SECTION 10: Stability and re	activity					
10.1 Reactivity						
No dangerous reactions known						
0						
10.2 Chemical stability	The product is chemically s	table under normal ambie	nt conditions (temp	erature).		
10.3 Possibility of hazardous re	eactions					
If it is used in the usual way, no	hazardous reactions are expe	ctod				
	nuzuruous reactions are expe	cieu.				
,, -		cieu.				
10.4 Conditions to avoid		cieu.				
		cieu.				
10.4 Conditions to avoid		cieu.				
10.4 Conditions to avoid		cred.				
10.4 Conditions to avoid Not known.		ueu.				
10.4 Conditions to avoidNot known.10.5 Incompatible materials		ueo.				
10.4 Conditions to avoidNot known.10.5 Incompatible materials		ueo.				
10.4 Conditions to avoidNot known.10.5 Incompatible materialsNot known.		ueo.				
 10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. 	n products					
 10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition 	n products					
 10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 	n products formation					
10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 11.1 Information on hazard cla	n products formation					
 10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 11.1 Information on hazard cla (a) acute toxicity: 	n products formation					
10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 11.1 Information on hazard cla	n products formation					
 10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 11.1 Information on hazard cla (a) acute toxicity: substance: none 	n products formation					
10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 11.1 Information on hazard cla (a) acute toxicity: substance: none mixture	n products formation isses as defined in Regulation	(EC) No 1272/2008	shareificetie-		20 a no clorification	
10.4 Conditions to avoid Not known. 10.5 Incompatible materials Not known. 10.6 Hazardous decomposition Not known. SECTION 11: Toxicological in 11.1 Information on hazard cla (a) acute toxicity: substance: none mixture <u>ATEmix Oral</u> >2000 no classif	n products formation isses as defined in Regulation	(EC) No 1272/2008	classification	ATEmix Inhalative (vapour)	>20 = no classification	
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SECTION 12: Ecological information	
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12.1 Toxicity: no relevant data	Aquatic toxicity
12.2 Persistence and degradability Physicochemical and photo-chemical eliminatio	n: No data known.
	l components of the product are biodegradable.
12.3 Bioaccumulative potential and 12.4 Mobi	lity in soil No indication of bioaccumulation potential.
12.5 Results of PBT assessment: The components in this formulation do not mee	et the criteria for classification as PBT or vPvB.
12.6 Endocrine disrupting properties: The product does not contain any substances w	ith endocrine-disrupting properties.
12.7. Other adverse effects	
Additional ecotoxicological information:	
No other datas known.	
SECTION 13: Disposal considerations	
-	
13.1 Waste treatment methods (a) Containers and methods including the appro	nriate methods of waste treatment
All containers and methods including the appro Mixture and packaging waste treatment:	יטומני חויבווסעס טו אמגני נורמנוווכוונ
Waste codes / waste designations according to EAK	
07 06 01 Wastes from the MFSU of fats, grease, soa 20 01 30 Seperatley collected fractions – detergents	
Packaging disposal:	
Delivery to an approved waste disposal company.	
(b) Physical/chemical properties that may affect section 9	t waste treatment options:
(c) Sewage disposal: No Sewage dis	posal
(d) Special precautions:	
Do not mix with other wastes.	
SECTION 14: Transport information	
14.1 UN number	
14.2 UN proper shipping name	
No dangerous good in sense of these transport regulation	5.
14.3 Transport hazard class(es)	Class:
14 A Packing group	Classification code: no no
14.4 Packing group: 14.5 Environmental hazards:	Tunnel restriction code: no
ADR no	
IMDG no	
Marine pollutant: no EMS-Nummer: no	
IATA: no	
14.6 Special precautions for user:	none
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 regulat	ions/legislation specific for the substance or mixture
Ell regulations:	
EU regulations: Regulation (EG) Nr. 648/2004 (Detergents Regu SVHC candidate list in accordance with the REA	lation): The product fulfills the criteria defined in Regulation (EC) No. 648/2004 CH Regulation Article 59 of the publication date of this material safety data sheet: no impurities > 0,1%
National regulations:	
The employment prohibition for the working m	others and working adolescents are to be observed.
Water hazard class (WGK): WGK 1	Weakly water-endangering.
VOC-value (in g/l): 0 g/Liter	(calculated)
15.2 Chemical Safety Assessment: This mixture was not subjected to a chemical sa	ifety assessment.
SECTION 16: Other Disclosures	
(a) Revison of the safety data sheet	
This safety data sheet is a rebuild and has been	completely redesigned. Therefore, no changes to the previous version is marked.

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)



(b) Abbreviatio	ons and acronyms used in the safety data sheet
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BImSchV	Immission Control
CAS	Chemical Abstracts Service
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
DNEL	Derived No-Effect Level (REACH)
DIN	German Institute for Standardization
EAK/AVV	European Waste Catalogue / List of Wastes Ordinance
EINECS	European Inventory of Existing Commercial Chemical Substances
EG	European Community
EMS	Emergency Schedule
GGVS	Regulation dangerous goods road
IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IMDG-Code	International Maritime Code for Dangerous Goods
LC	Letale Concentration
LD	Letale Dosis
lh	low hazard
mh	medium hazard
nhi	no hazard identified
PBT	Persistent, bioaccumulative, toxic
PCB	Polychlorierte Biphenyle
RID	Regulations concerning the International Carriage of Dangerous Goods
UN	United Nations (Vereinte Nationen)
VOC	Volati le Organic Compounds (flüchtige organische Verbindungen)
vPvB	very persistent and very bioaccumulative
WGK	Water hazard class
n.a.	inapplicable
keiner	data scientifically not necessary/practicable
k.A.	no details available or inconclusive
hu	hazard unknown

(c) Key literature references and sources for data The raw data shown are based on the information of suppliers and/or on information from the literature and/or on the data of ECHA (http://echa.europa.eu/)

(d) Regulations

REGULATION (EC) No. 1907/2006, including the last revised Regulation valid at the time of issue of the safety data sheet Regulation (EC) No 1272/2008, including the last revised Regulation valid at the time of issue of the safety data sheet

(e) Hazards identification refer to section 2 to 15 According regulation (EC) Nr. 1272/2008: mixture: No classification according to this regulation

Technical active ingredient: No classification according to this regulation

Method according to article 9 of the regulation (EC)1272/2008 [CLP]: Classification according to Regulation (EC) Nr. 1272/2008

(f) Training appropriate for workers to ensure protection of human health and the environment: Instructions about hazards and safety measures should be given once a year or in the beginning of the work. The content and timing of the training should be in writing and confirmed by the instructed by signature. Observe retention period of the evidence. <u>Recommended restrictions on use:</u> Notice the directions for use on the label.

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.