

Safety data sheet
according to 1907/2006/EC, Article 31 and (EC) 2015/830

Printing date 05.04.2018

Version number 2

Revision: 05.04.2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name: Defoamer DX 920****1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)**Product category** PC35 Washing and cleaning products (including solvent based products)**Process category** PROC11 Non industrial spraying**Environmental release category**

ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

Application of the substance / the mixture Defoamers, Anti-foaming agent**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

WashTec Nordics AB (S)

Grönkullen

SE-517 81 Bollebygd

Tel: +46 (0)33-700 2600

Fax: +46 (0)33-700 2610

Homepage: www.adekema.com

Further information obtainable from:

Technical information washtec@washtec.de

Safety Data Sheet MSDS_Info@WashTec.de

1.4 Emergency telephone number: +49 (0) 89-19240 (24h) (english)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Additional information:**

EUH210 Safety data sheet available on request.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture of substances listed below with water and nonhazardous additions, which do not contribute to classification.**Dangerous components:** Void**SVHC** Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.

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Regulation (EC) No 648/2004 on detergents / Labelling for contents

preservation agents (METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE)

Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** Immediately remove any clothing soiled by the product.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:**

Rinse with warm water.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water.**After swallowing:**

Do not induce vomiting; call for medical help immediately.

Rinse out mouth and then drink plenty of water.

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** Forward this sheet to the doctor.**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

Product itself is non-combustible.

Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: Water with full jet**5.2 Special hazards arising from the substance or mixture** Carbon monoxide (CO)**5.3 Advice for firefighters****Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions: No special measures required.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

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See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling** No special measures required.**Information about fire - and explosion protection:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

Use only receptacles specifically permitted for this substance/product.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:** Store receptacle in a well ventilated area.**7.3 Specific end use(s)** See product use, Chapter 1.2**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:** Wash hands before breaks and at the end of work.**Respiratory protection:** Not required.**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

In full contact: Butyl rubber, >120 min (EN 374).

In splash contact: Nitrile rubber, >120 min (EN 374).

Penetration time of glove material

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

Eye protection:

Tightly sealed goggles

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* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Colour:	Cloudy
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not applicable

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

Ignition temperature:

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not applicable
Upper:	Not applicable

Vapour pressure: Not determined.

Density at 20 °C:	1 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

Solubility in / Miscibility with water: Fully miscible.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.
VOC (EC)	0.00 %

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Stable if used according to specifications.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

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10.3 Possibility of hazardous reactions No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**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

No test data for the mixture. For the mixture the ATE_{mix} values have been calculated based on the toxicity data of the raw materials (if necessary also tox data of pre-mixtures had been used). Additionally, toxicity data for relevant raw materials are mentioned.

ATE=Acute toxicity estimate

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

Oral	ATE _{mix}	>5,000 mg/kg
Dermal	ATE _{mix}	>5,000 mg/kg

Primary irritant effect:**Skin corrosion/irritation** no test data for the mixture**Serious eye damage/irritation** no test data for the mixture.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Additional toxicological information:**

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Based on the available data of the raw materials there is no indication that the mixture causes carcinogenic, mutagenic and toxic for reproduction effects.

Germ cell mutagenicity Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**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**

The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.

12.3 Bioaccumulative potential No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

The product can cause foaming in sewage treatment plants.

Treat by state-of-the-art technology before discharging into drains or surface waters.

Generally not hazardous for water

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12.5 Results of PBT and vPvB assessment**PBT:** The mixture doesn't contain any PBT substance (PBT=persistent, bioaccumulative, toxic).**vPvB:** The mixture doesn't contain any vPvB substance (vPvB=very persistent, very bioaccumulative).**12.6 Other adverse effects**

Contain no organic complexing agents, which do not reach a DOC-elimination grade in appendix 49 after 28d of at least 80% (in accordance to no. 406 of the plant "analysis and measuring procedure").

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation**

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

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

European waste catalogue (recommended)

07 06 01*	aqueous washing liquids and mother liquors
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Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Waste no. (recommended) 150110*

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:**Marine pollutant:**

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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UN "Model Regulation":

Void

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

The Prior Informed Consent Regulation EC 649/2012 is not applicable for this product.

Chemical Weapons Convention (CWC) is not applicable for this product.

The EU VO 1382/2014 (Dual Use) is not applicable for this product.

TRANSPORT-REGULATIONS ADR (2017), IMDG (2018), IATA (201 59. edition)**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**National regulations:****Other regulations, limitations and prohibitive regulations**

EH40/2005 Workplace exposure limits with amendments October 2007.

CHIP 3/ CHIP 4

15.2 Chemical safety assessment:

A Chemical Safety Assessment is not requested for mixtures.

A Chemical Safety Assessment has not been carried out.

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.

Article number: 3543-082-120**Classification according to Regulation (EC) No 1272/2008** see section 2**Department issuing SDS:**

AUWA Chemie GmbH

Argonstraße 7

86153 Augsburg

Abbreviations and acronyms:

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

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

*** Data compared to the previous version altered.**