

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.09.2025

Version number 10 (replaces version 9)

Revision: 24.09.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** IBS-Spezialreiniger WAS 20.100 (Ultraschallreiniger)
- **Article number:** 2050319
- **UFI:** V2V0-M062-E00P-65DX
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Alkaline cleaner/ detergent
- **Uses advised against** No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
IBS Scherer GmbH
Gewerbegebiet
D-55599 Gau-Bickelheim
www.ibs-scherer.de
Tel.: +49 6701 9383-0
email: info@ibs-scherer.de
- **Further information obtainable from:**
Tel.: +48 731 666 300
e-mail : marwis@marwis.eu
Product Safety Department
- **1.4 Emergency telephone number:**
Giftnotruf Mainz Tel.: +49 (0) 6131 /19 24 0 (24 h erreichbar, Beratung in Deutsch u. Englisch)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**
P264 Wash thoroughly after handling.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties** No substances contained

SECTION 3: Composition/information on ingredients

- **Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 1554325-20-0

Quartäres C12-C14 Alkylmethylenethoxylatmethylchlorid
Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315
ATE: LD50 oral: 300,03 mg/kg

0-≤2,5%

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CAS: 102-71-6 EINECS: 203-049-8	Triethanolamine substance with a Community workplace exposure limit	≤2,5%
CAS: 68439-46-3	Alcohols, C9-11, ethoxylated ⚠ Eye Irrit. 2, H319	≤2,5%
CAS: 1356964-77-6 Reg.nr.: 01-2120058432-61-xxxx	N,N-Dimethyl 9-decenamid ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412 ATE: LD50 oral: 500 mg/kg	≤2,5%
Regulation (EC) No 648/2004 on detergents / Labelling for contents		
cationic surfactants, non-ionic surfactants, phosphates		<5%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Personal protection for the First Aider.

Immediately remove any clothing soiled by the product.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

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 No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NOx)

Sulphur dioxide (SO2)

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Keep people at a distance and stay on the windward side.

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

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

Ensure adequate ventilation.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Open and handle receptacle with care.

Information about fire - and explosion protection: The product is not flammable.

Handling:

Do not mix with:

Acid

Oxidising agents

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 8 B
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

102-71-6 Triethanolamine

AGW (Germany)	Long-term value: 1 E mg/m ³ 1(I);DFG, Y
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· DNELs

68439-46-3 Alcohols, C9-11, ethoxylated

Dermal	DNEL - systemisch chronisch	2,080 mg/kg (not defined)
Inhalative	DNEL - systemisch chronisch	294 mg/m ³ (not defined)

1356964-77-6 N,N-Dimethyl 9-decenamid

Dermal	DNEL - systemisch chronisch	1,4 mg/kg (not defined)
Inhalative	DNEL - systemisch chronisch	4,93 mg/m ³ (not defined)

· PNECs

68439-46-3 Alcohols, C9-11, ethoxylated

PNEC Süßwasser	0,104 mg/l (not defined)
PNEC Meerwasser	0,104 mg/l (not defined)
PNEC Kläranlage	1,4 mg/l (not defined)
PNEC Süßwassersediment	13,7 mg/kg (not defined)
PNEC Meeressediment	13,7 mg/kg (not defined)
PNEC Boden	1 mg/kg (not defined)

1356964-77-6 N,N-Dimethyl 9-decenamid

PNEC Süßwasser	0,0388 mg/l (not defined)
PNEC Meerwasser	0,0038 mg/l (not defined)
PNEC Kläranlage	2,12 mg/l (not defined)
PNEC Süßwassersediment	1,541 mg/kg (not defined)
PNEC Meeressediment	0,154 mg/kg (not defined)
PNEC Boden	5,3 mg/kg (not defined)

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
 - Do not eat, drink, smoke or sniff while working.
 - The usual precautionary measures are to be adhered to when handling chemicals.
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes and skin.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Hand protection**



Protective gloves

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material: $\geq 0,35$ mm

· 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.

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· Eye/face protection



Tightly sealed goggles

· **Body protection:** Alkaline resistant protective clothing· **Environmental exposure controls**

Do not allow to enter surface water or sewage system.

Avoid penetration into the subsoil.

In case of contamination of water bodies or the sewage system, inform the responsible authorities.

In the event of penetration into the ground, inform the responsible authorities.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

Liquid

· Colour:

Violet

· Odour:

Characteristic

· Odour threshold:

Not determined.

· Melting point/freezing point:

Undetermined.

· Boiling point or initial boiling point and boiling range

100 °C (7732-18-5 water, distilled, conductivity or of similar purity)

· Flammability

Not applicable.

· Lower and upper explosion limit

· Lower:

Not determined.

· Upper:

Not determined.

· Flash point:

>100 °C (61791-14-8 Coco alkyl amine ethoxylate)

· Auto-ignition temperature:

>100 °C (68439-46-3 Alcohols, C9-11, ethoxylated)

· Decomposition temperature:

Not determined.

· pH at 20 °C

9

· Viscosity:

· Kinematic viscosity

Not determined.

· Dynamic:

Not determined.

· Solubility

· water:

Fully miscible.

· Partition coefficient n-octanol/water (log value)

Not determined.

· Vapour pressure at 20 °C:

23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)

· Density and/or relative density

· Density at 20 °C:

1,05-1,07 g/cm³

· Relative density

Not determined.

· Vapour density

Not determined.

· 9.2 Other information

· Appearance:

· Form:

Fluid

· Important information on protection of health and environment, and on safety.

· Ignition temperature:

Not determined.

· Explosive properties:

Product does not present an explosion hazard.

· Solvent content:

· Organic solvents:

2,4 %

· Change in condition

· Evaporation rate

Not determined.

· Information with regard to physical hazard classes

· Explosives

Void

· Flammable gases

Void

· Aerosols

Void

· Oxidising gases

Void

· Gases under pressure

Void

· Flammable liquids

Void

· Flammable solids

Void

· Self-reactive substances and mixtures

Void

· Pyrophoric liquids

Void

· Pyrophoric solids

Void

· Self-heating substances and mixtures

Void

· Substances and mixtures, which emit flammable gases in contact with water

Void

· Oxidising liquids

Void

· Oxidising solids

Void

· Organic peroxides

Void

· Corrosive to metals

Void

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· Desensitised explosives

Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Violent reaction with strong acids and oxidising agents.
- **10.4 Conditions to avoid** Avoid excessive heating.
- **10.5 Incompatible materials:** Strong acids
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

1554325-20-0 Quartäres C12-C14 Alkylmethylaminethoxylatmethylchlorid

Oral	LD50	300,03 mg/kg (ATE)
		>300-2.000 mg/kg (rat)

102-71-6 Triethanolamine

Oral	LD50	6.400 mg/kg (rat) (OECD 401)
Dermal	LD50	>2.000 mg/kg (rat) (OECD 402)

68439-46-3 Alcohols, C9-11, ethoxylated

Oral	LD50	3.488 mg/kg (rat) (LD50 Oral)
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1356964-77-6 N,N-Dimethyl 9-decenamid

Oral	LD50	500 mg/kg (ATE)
		550 mg/kg (rat) (LD50)
Dermal	LD50	>5.000 mg/kg (rat) (LD 50 Dermal)
Inhalative	LC50/4 h	>3.551 mg/m³ (rat) (LC50)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
The categorisation is based on an extreme pH value.
Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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.
- **11.2 Information on other hazards**

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

1554325-20-0 Quartäres C12-C14 Alkylmethylaminethoxylatmethylchlorid

biologische Abbaubarkeit	63 % /28d (not defined)
LC50	>10-100 mg/l /96h (fish)
EC50	>1-10 mg/l /72h (algae)
	>1-10 mg/l /48h (daphnia)

102-71-6 Triethanolamine

biologische Abbaubarkeit	100 % /5d (not defined)
LC50	11.800 mg/l /96h (fish)
EC50	512 mg/l /72h (Alg)
	609,88 mg/l /48h (daphnia)
NOEC	16 mg/l /21d (daphnia)

68439-46-3 Alcohols, C9-11, ethoxylated

biologische Abbaubarkeit	72 % /28d (not defined)
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LC50	5-7 mg/l /96h (fish)
EC50	2,5 mg/l /48h (daphnia)
1356964-77-6 N,N-Dimethyl 9-decenamid	
biologische Abbaubarkeit	63 % /28d (not defined) (OECD 301 B)
LC50	>7,5 mg/l /96h (fish) (OECD 203)
EC50	>9 mg/l /96h (Alg) (OECD 201)
	2,8 mg/l /48h (daphnia) (OECD 202)
NOEC	1,1 mg/l /96h (Alg) (OECD 201)
	0,28 mg/l /21d (daphnia) (OECD 211)
	≥0,71 mg/l /35d (fish) (OECD 210)

- **12.2 Persistence and degradability** The contained surfactants are biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.

European waste catalogue

12 03 01* aqueous washing liquids

- **Uncleaned packaging:**
- **Recommendation:** Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN number or ID number | Void |
| · ADR, IMDG, IATA | |
| · 14.2 UN proper shipping name | Void |
| · ADR, IMDG, IATA | |
| · 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 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
- None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
- None of the ingredients is listed.

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· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:**· Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

· Technical instructions (air):

Class	Share in %
NK	≤2,5

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.**· Other regulations, limitations and prohibitive regulations****· Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

· 15.2 Chemical safety assessment: 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.

· Relevant phrases

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

· Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· Date of previous version: 17.07.2024**· Version number of previous version:** 9**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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)

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· Sources

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (REACH).

Transport of dangerous goods by road, rail or inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA) (regulations for the transport of dangerous goods by air).

· * Data compared to the previous version altered.

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