

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 05.02.2024

Version number 8 (replaces version 7)

Revision: 05.02.2024

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:** YEQ0-80WM-V00X-GQXF
- **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
Germany
www.ibs-scherer.de
- **Further information obtainable from:** Abteilung Produktsicherheit
- **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**



GHS05 corrosion

Skin Corr. 1 H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.

- **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**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Coco alkyl amine ethoxylate
potassium hydroxide
Alcohols, C9-11, ethoxylated
- **Hazard statements**
H314 Causes severe skin burns and eye damage.
- **Precautionary statements**
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties** None of the ingredients are included.

SECTION 3: Composition/information on ingredients

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

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· Dangerous components:		
CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37-xxxx	benzenesulfonic acid, 4-(1-methylethyl)-, sodiumsalt (1:1) ⚠ Eye Irrit. 2, H319	2,5-10%
CAS: 61791-14-8	Coco alkyl amine ethoxylate ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315 ATE: LD50 oral: 500 mg/kg	2,5-10%
CAS: 1356964-77-6 EC number: 806-919-0 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	2,5-10%
CAS: 68439-46-3	Alcohols, C9-11, ethoxylated ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302 ATE: LD50 oral: 500 mg/kg	≤2,5%
CAS: 1310-58-3 EINECS: 215-181-3 Index number: 019-002-00-8 Reg.nr.: 01-2119487136-33-xxxx	potassium hydroxide ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302 ATE: LD50 oral: 333 mg/kg Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %	≤2,5%
· Regulation (EC) No 648/2004 on detergents / Labelling for contents		
non-ionic surfactants		≥5 - <15%

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:

Call a doctor immediately.

Immediately rinse with water.

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

· 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 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.

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).

Use neutralising agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

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6.4 Reference to other sections

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling** No special precautions are necessary if used correctly.
- Information about fire - and explosion protection:** No special measures required.
- Handling:**
 - Do not mix with:
 - Acid
 - Oxidising agents
- 7.2 **Conditions for safe storage, including any incompatibilities**
- Storage:**
 - Requirements to be met by storerooms and receptacles:** No special requirements.
 - 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:**

DNELs

15763-76-5 benzenesulfonic acid, 4-(1-methylethyl)-, sodiumsulfate (1:1)

Dermal	DNEL - systemisch chronisch	191 mg/kg (not defined)
	DNEL - lokal chronisch	0,096 mg/cm ² (not defined)
Inhalative	DNEL - systemisch chronisch	37,4 mg/m ³ (not defined)

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

Dermal	DNEL - systemisch chronisch	5,71 mg/kg (not defined)
Inhalative	DNEL - systemisch chronisch	40 mg/m ³ (not defined)

1310-58-3 potassium hydroxide

Inhalative	DNEL - systemisch chronisch	1 mg/m ³ (not defined)
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PNECs

15763-76-5 benzenesulfonic acid, 4-(1-methylethyl)-, sodiumsulfate (1:1)

PNEC Süßwasser	0,1 mg/l (not defined)
PNEC Meerwasser	0,01 mg/l (not defined)
PNEC Kläranlage	100 mg/l (not defined)
PNEC Süßwassersediment	0,372 mg/kg (not defined)
PNEC Meeressediment	0,372 mg/kg (not defined)
PNEC Boden	0,016 mg/kg (not defined)

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

PNEC Süßwasser	0,028 mg/l (not defined)
PNEC Meerwasser	0,003 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.
 - 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.

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· 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.

· 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**

Fluid

· **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**

>13

· **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:**

1,07-1,09 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:**

· **Solids content:**

0,0 %

· **Change in condition**

· **Evaporation rate**

Not determined.

· Information with regard to physical hazard classes

· **Explosives**

Void

· **Flammable gases**

Void

· **Aerosols**

Void

· **Oxidising gases**

Void

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· 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
· 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:

15763-76-5 benzenesulfonic acid, 4-(1-methylethyl)-, sodiumsulfate (1:1)

Oral	LD50	>6.720 mg/kg (rat) (OECD 423)
Dermal	LD50	>2.000 mg/kg (rabbit)

61791-14-8 Coco alkyl amine ethoxylate

Oral	LD50	500 mg/kg (ATE)
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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/m ³ (rat) (LC50)

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

Oral	LD50	500 mg/kg (ATE)
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1310-58-3 potassium hydroxide

Oral	LD50	333 mg/kg (ATE)
		333 mg/kg (rat) (LD50)

- **Skin corrosion/irritation**
The categorisation is based on an extreme pH value.
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation** Causes serious eye damage.
- **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.

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SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

15763-76-5 benzenesulfonic acid, 4-(1-methylethyl)-, sodiumsalt (1:1)

biologische Abbaubarkeit	98 % /28d (not defined) (OECD 301 B)
LC50	≥252 mg/l /96h (fish) (OECD 203)
EC50	252 mg/l /72h (algae) (OECD 201)
	>304 mg/l /48h (daphnia) (OECD 202)

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)

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

EC50	>1-10 mg/l /72h (algae)
	>1-10 mg/l /48h (daphnia)

· 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:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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
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· 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

· ADR, IMDG, IATA Void

· 14.2 UN proper shipping name

· ADR, IMDG, IATA Void

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA Void

· Class

· 14.4 Packing group

· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

· Marine pollutant: No

· 14.6 Special precautions for user

Not applicable.

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|---|-----------------|
| · 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.

- **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:**

- **Waterhazard class:** Water hazard class 2 (Self-assessment): 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.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 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:** 10.01.2024

- **Version number of previous version:** 7

- **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 Corr. 1: Skin corrosion/irritation – Category 1
 Skin Corr. 1A: Skin corrosion/irritation – Category 1A
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
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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