

Safety data sheet

according to Regulation 1907/2006 / EC, article 31

Compilation date: 04.07.2018

Version number 9

Revision: 04.07.2018

SECTION 1: Identification of the substance or company*iscela and the company /*

- **1.1 Product identifier**
- **Commercial name:** *Amonn Stufex Hydrolac*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of use**
SU22 Professional uses: public sector (administration, education, entertainment, services, crafts)
- **Product category** *PC9a Coatings and paints, thinners, paint removers*
- **Process category**
PROC10 Application with rollers or brushes
PROC11 Non-industrial spray applications
- **Environmental release category**
ERC8a Widespread use of non-reactive processing aids (without inclusion in or on the surface of an article, indoor use)
ERC8c Generalized use resulting in inclusion inside or on the surface of an article (indoor use)

ERC8d Widespread use of non-reactive processing aids (without inclusion in or on the surface of an article, outdoor use)
ERC8f Generalized use resulting in inclusion inside or on the surface of an article (outdoor use)
- **Application of the substance / the preparation** *Paint product*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / supplier:**
Amonn Coatings GmbH
An der Landesbahn 7
A-2100 Korneuburg
Tel .: +43 2262 735 80 - Fax .: +43 2262 735 80-19
JF AMONN srl div. Color
via top i prà, 7
32014 Bridge in the Alps (BL)
ITALY
- **Distributor:**
JF Amonn srl / GmbH
I-39100 Bolzano / Bozen
Altmann Street 12 Altmannstraße
Tel .: +39 0471 904-911 - Fax .: +39 0471 910-449
- **Information provided by: technical department Color Division**
tel: 0437/98411 from 8.00 / 12.00 to 13.00 / 17.00 Email of the competent person: laboratory@amonncolor.com
- **1.4 Emergency telephone number:**
Poison Control Center - Niguarda Hospital - Milan: 02/66101029

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**
- **Labeling according to Regulation (EC) No. 1272/2** *008fails*
- **Hazard pictograms** *fails*
- **Warning fails**
- **Hazard statements** *fails*
- **Further data:**
EUH208 Contains 1,2-benzisothiazol-3 (2H) -one. It can cause an allergic reaction.
EUH210 Safety data sheet available on request.
- **2.3 Other dangers**
- **Results of PBT and vPvB assessment**
- **PBT:Not applicable.**
- **vPvB:Not applicable.**

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SECTION 3: Composition / information on ingredients nti

• 3.2 Mixtures

• Description: Mixture of the following substances with non-hazardous additives.

• Dangerous substances:

CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44	2- (2-butoxyethoxy) ethanol Eye Irrit. 2, H319	1.5-3%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 1-2119475108-36	2-butoxyethanol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	1.5-3%

• Further information: The text of the warning of the hazards mentioned can be found in chapter 16

SECTION 4: First aid measures

• 4.1 Description of first aid measures

• General indications:

Remove any clothing contaminated by the product immediately. No specific measures are required.

• Inhalation: Bring to a well-ventilated area, in case of problems consult a doctor.

• Skin contact: Generally the product is not irritating to the skin.

• Eye contact

Wash with running water for several minutes holding the eyelids wide open and consult your doctor.

• Ingestion: Seek medical advice immediately.

• 4.2 Main symptoms and effects, both acute and delayed No other information available.

• 4.3 Indication of any immediate medical attention and special treatment needed

No other information available.

SECTION 5: Firefighting measures

• 5.1 Extinguishing media

• Suitable extinguishing media:

CO², powder or water spray. Extinguish large fires with water spray or alcohol resistant foam.• 5.2 Special hazards arising from the substance the mixture
or No other information available.

• 5.3 Recommendations for firefighters of fires

• Specific protective means: No special measures are required.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Not necessary.

• 6.2 Environmental precautions: Dilute abundantly with water.

• 6.3 Methods and materials for containment and cleaning up:

Collect the liquid with absorbent material (sand, diatomaceous earth, sawdust).

• 6.4 Reference to other sections

No dangerous substances are released.

For information on safe handling see Section 7.

For information on personal protective equipment, see Chapter 8. For information on disposal, see Chapter 13.

SECTION 7: Handling and storage

• 7.1 Precautions for safe handling No special measures are required. Accurate ventilation / extraction in the workplace.

• Advice in case of fire and explosion: No special measures are required.

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements for warehouses and vessels:**
Store in a dry and well ventilated place, between + 5 ° C and + 40 ° C. Protect from heat and direct sunlight. Keep containers tightly closed.
- **Notes on mixed storage:** Not necessary.
- **Further information relating to the conditions of i** storage: None.
- **Storage class:** 12
- **7.3 Specific end uses** No other information available.

SECTION 8: Exposure controls / protection in individual

- **Further information on the structure of implants t** technical: No further data, see point 7

• **8.1 Control parameters**

- **Components with limit values to be met under control in the workplace**

112-34-5 2- (2-butoxyethoxy) ethanol (1.5-3%)

VL Short term value: 101.2 mg / m³, 15 ppm
Long term value: 67.5 mg / m³, 10 ppm

111-76-2 2-butoxyethanol (1.5-3%)

TWA Long term value: 97 mg / m³, 20 ppm
A3, IBE

VL Short term value: 246 mg / m³, 50 ppm
Long term value: 98 mg / m³, 20 ppm
Skin

• **DNEL****112-34-5 2- (2-butoxyethoxy) ethanol**

Oral	Long-term exposure, systemic effects 5 mg / kg bw / day (Ver)	Long-term exposure, systemic effects 83 mg / kg bw / day (Arb)
Cutaneous		50 mg / kg bw / day (Ver)
Inhalation	Long-term exposure, systemic effects 67.5 mg / m ³ (Arb)	
		40.5 mg / m ³ (Ver)
	Long-term exposure, local effects	67.5 mg / m ³ (Arb)
		40.5 mg / m ³ (Ver)
	Acute, local effects	101.2 mg / m ³ (Arb)
		60.7 mg / m ³ (Ver)

111-76-2 2-butoxyethanol

Oral	Long-term exposure, systemic effects 6,3 mg / kg bw / day (Ver)
	Acute, systemic effects 26.7 mg / kg / day (Ver)
Cutaneous	Long-term exposure, systemic effects 125 mg / kg bw / day (Arb)
	75 mg / kg bw / day (Ver)
	Acute, systemic effects 89 mg / kg / day (Arb)
	89 mg / kg / day (Ver)
Inhalation	Long-term exposure, systemic effects 98 mg / m ³ (Arb)
	59 mg / m ³ (Ver)
	Acute, systemic effects 1.091 mg / m ³ (Arb)
	426 mg / m ³ (Ver)
	Acute, local effects 246 mg / m ³ (Arb)
	147 mg / m ³ (Ver)

• **PNEC****112-34-5 2- (2-butoxyethoxy) ethanol**

PNEC 1.1 mg / l (freshwater)
0.11 mg / l (Marine Water)
200 mg / l (sewage treatment plant microorganisms)

PNEC 0.32 mg / kg (soil)
4.4 mg / kg (sediment, freshwater)

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	0.44 mg / kg (sediment, marine water)
111-76-2 2-butoxyethanol	
PNEC 8.8 mg / l (freshwater)	
	0.88 mg / l (Marine Water)
	463 mg / l (sewage treatment plant microorganisms) 9.1
	mg / l (sporadic release)
PNEC 2.33 mg / kg (soil)	
	34.6 mg / kg (sediment, freshwater) 20
	mg / kg (secondary poisoning) 3.46 mg /
	kg (sediment, marine water)
* Components with biological limit values:	
111-76-2 2-butoxyethanol (1.5-3%)	
IBE 200 mg / g creatinine	
Samples: urine	
Time of collection: at the end of the shift.	
Biological indicator: Butoxyacetic acid	

* **Further information:**The lists valid at the date of compilation were used as a basis.

• **8.2 Exposure controls**

• **Individual protective means**

• **General protective and occupational hygiene rules:**

Observe the usual safety measures when handling chemicals.

• **Protective mask:**In insufficiently ventilated areas, use a protective mask.

• **Protective Gloves:**

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

Due to lack of tests no recommendation to the glove material of any type can be made for the product / the preparation / the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

• **Glove material**

Leather gloves.

Thick cloth gloves.

Natural rubber (Latex)

The selection of the suitable gloves does not only depend on the material but also on other quality characteristics which vary 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.

• **Breakthrough time of glove material**

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

• **Safety goggles:**The use of protective goggles is recommended when pouring.

SECTION 9: Physical and chemical properties

• **9.1 Information on physical and chemical properties** **fundamental**

• **General indications**

• **Appearance:**

Form:

liquid

Color:

opaque

• **Odor:**

characteristic

• **Odor threshold:**

Undefined.

• **pH values:**

Undefined.

• **Change of state**

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

Undefined

100 °C

• **Flash point:**

Not applicable

• **Flammability (solid, gas):**

Not applicable.

• **Decomposition temperature:**

Undefined.

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• Self-ignition temperature:	Not self-igniting product.
• Explosive properties:	Non-explosive product.
• Flammability limits: lower: superior:	Undefined. Undefined.
• Vapor pressure at 20 ° C:	23 hPa
• Density at 20 ° C:	1.021 g / cm³
• Relative density	Undefined.
• Vapor density:	Undefined.
• Evaporation rate	Undefined.
• Solubility in / Miscibility with Water:	completely miscible
• Partition coefficient: n-octanol / water:	Undefined.
• Viscosity: dynamics: kinematics:	Undefined. Undefined.
• Solvent content: Organic solvents: Waterfall: VOC (CE)	9.9% 65.5% 98.7 g / l
• Solid content:	23.9%
• 9.2 Other information	No other information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No other information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to avoid:**
The product does not decompose if used as directed.
- **10.3 Possibility of hazardous reactions** There are no known dangerous reactions.
- **10.4 Conditions to avoid** No other information available.
- **10.5 Incompatible materials:** No other information available.
- **10.6 Hazardous decomposition products:** There are no known dangerous decomposition products.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

• **LD / LC50 values relevant for classification:****112-34-5 2-(2-butoxyethoxy) ethanol**

Oral	LD50	> 2,000 mg / kg (Rat (Rattus))
Cutaneous	LD50	2.700 mg / kg (Rabbit (Cuninculus))

111-76-2 2-butoxyethanol

Oral	LD50	1.746 mg / kg (Rat (Rattus))
Cutaneous	LD50	> 2,000 mg / kg (Guinea pig)
Inhalation LC50 / 4 h 11	mg / l (ATE)	

- **Primary irritability:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eyes:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization**
Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity**
Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

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- **Reproductive toxicity**
Based on available data, the classification criteria are not met.
- **Specific Target Organ Toxicity (STOT) - and single exposure** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity (STOT) - and 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 other information available.
- **12.2 Persistence and degradability** No other information available. No
- **12.3 Bioaccumulative potential** other information available.
- **12.4 Mobility in soil** No other information available.
- **Further environmental information:**
- **Further information:**
Danger for water class 1 (D) (Self-classification): not very dangerous
Do not introduce undiluted or large quantities into groundwater, water bodies or sewers.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No other information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Advice:**
Deliver the product to special waste collection services or take them to a special waste collection point.
 - **European waste catalog**
- | | |
|------------|---|
| 08 01 15 * | aqueous sludges containing paints and varnishes containing organic solvents or other dangerous substances |
|------------|---|
- **Uncleaned packaging:**
 - **Advice:** Disposal in accordance with administrative regulations.
 - **Recommended cleaner:** Water possibly with the addition of detergents.

SECTION 14: Transport information

- | | |
|--|-----------------|
| • 14.1 UN number
• ADR, ADN, IMDG, IATA | fails |
| • 14.2 UN proper shipping name
• ADR, ADN, IMDG, IATA | fails |
| • 14.3 Transport hazard classes
• ADR, ADN, IMDG, IATA
• Class | fails |
| • 14.4 Packing group
• ADR, IMDG, IATA | fails |
| • 14.5 Environmental hazards:
• Marine pollutant: | No |
| • 14.6 Special precautions for users | 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":

fails**SECTION 15: Regulatory information**

• **15.1 Laws and regulations on health, safety and environment specific to the substance or mixture**

• Directive 2012/18 / EU

• **Specified dangerous substances - ANNEX I** None of the components are contained.

• **REGULATION (EC) n. 1907/2006 ANNEX XVII** Restrictions: 3, 55

• **National regulations:**

Refer to the following regulations: Water regulations: legislative decree 152/2006 part 3 and subsequent amendments

Waste legislation: legislative decree 152/2006 part 4 and subsequent amendments, and classify with reference to the European waste catalog (CER)

Air regulations: Legislative Decree 152/2006 part 5 and subsequent amendments

Other regulations governing safety and environmental protection are, if applicable: Regulations for the protection of health and safety in the workplace: Legislative Decree 81/2008 and subsequent amendments and Directive 2009/161 / EU

• **Air technical instruction:**

Class	share in%
NC	9.9

• **Water hazard class:**

Class 1 water hazard (WGK1) (Self-classification): not very dangerous

• **15.2 Chemical safety assessment:**

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The data are based on our current knowledge, however they do not represent any guarantee of the product characteristics and do not justify any contractual legal relationship.

• **Relevant phrases**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation. H319

Causes serious eye irritation. H332

Harmful if inhaled.

• **Card issued by: Technical department.**

• **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

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 Harmonized System of Classification and Labeling 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)

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 vPvB:

very Persistent and very Bioaccumulative Acute

Tox. 4: Acute toxicity - Category 4

Skin Irrit. 2: Skin corrosion / irritation - Category 2 Eye Irrit.

2: Serious eye damage / eye irritation - Category 2