

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

NEXLER ARBOLEX AQUA STOP

| | | | |
|---------------|--------------------|---------|-----|
| Creation date | 25th November 2021 | Version | 1.1 |
| Revision date | 24th February 2023 | | |

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

1.1. Product identifier NEXLER ARBOLEX AQUA STOP
Substance / mixture mixture
UFI H15N-M0HP-9003-FTUG

1.2. Relevant identified uses of the substance or mixture and uses advised against
Mixture's intended use

The product is used as a repair and sealing compound for all roof works and in underground parts of buildings, protecting, sealing and preventing leaks in all types of connections. It is used for repairs and sealing in rain, as well as under water. The product may come into contact with polystyrene.

Main intended use

PC-ADH-2 Adhesives and sealants - building and construction works (except cement based adhesives)

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Supplier

| | |
|-----------------------------|-------------------------------------|
| Name or trade name | IZOHAN sp. z o.o. |
| Address | Łużycka 2, Gdynia, 81-963 Poland |
| Identification number (CRN) | 191528483 |
| VAT Reg No | PL5862073821 |
| Phone | +48 58 781 45 85 |
| E-mail | info@izohan.eu |
| Web address | www.izohan.eu |

Competent person responsible for the safety data sheet

| | |
|--------|-------------------|
| Name | IZOHAN sp. z o.o. |
| E-mail | info@izohan.eu |

1.4. Emergency telephone number

National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Flam. Liq. 3, H226

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Flammable liquid and vapour.

2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.

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Precautionary statements

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 Wash hands and exposed parts of the body thoroughly after handling.
P280 Wear protective gloves/protective clothing/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.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--|--|---------------------|--|------|
| CAS: 64742-48-9 EC: 919-857-5 Registration number: 01-2119463258-33 | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 10-<20 | Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066 | 1 |

Notes

1 Substance of unknown or variable composition, complex reaction products or biological materials - UVCB.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Rinse skin with water or shower.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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4.2. Most important symptoms and effects, both acute and delayed

If inhaled

Not expected.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Not expected.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Flammable liquid and vapour. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. No smoking. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Keep container tightly closed. Keep cool.

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The specific requirements or rules relating to the substance/mixture

Solvent vapours are heavier than air and accumulate especially near the floor where they may form an explosive mixture with the air.

- 7.3. Specific end use(s)**
not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

| Workers / consumers | Route of exposure | Value | Effect | Value determination | Source |
|---------------------|-------------------|-----------------------|--------------------------|---------------------|--------|
| Workers | Inhalation | 871 mg/m ³ | Systemic chronic effects | | |
| Workers | Dermal | 77 mg/kg bw/day | Systemic chronic effects | | |
| Consumers | Oral | 46 mg/kg bw/day | Systemic chronic effects | | |
| Consumers | Inhalation | 185 mg/m ³ | Systemic chronic effects | | |
| Consumers | Dermal | 46 mg/kg bw/day | Systemic chronic effects | | |

8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly. Other protection: protective workwear.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazard

Data not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------------------|
| Physical state | liquid |
| Colour | black |
| Odour | characteristic |
| Melting point/freezing point | <-20 °C |
| Boiling point or initial boiling point and boiling range | ≥150 °C |
| Flammability | flammable liquid and vapor |
| Lower and upper explosion limit | not determined |
| Flash point | >40 °C |
| Auto-ignition temperature | not determined |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS: 64742-48-9) | >230 °C |
| Decomposition temperature | not applicable |
| pH | non-soluble (in water) |
| Kinematic viscosity | >20,5 mm ² /s at 40 °C |
| Viscosity | thixotropic behaviour |
| Solubility in water | insoluble |
| Solubility in other solvents | dissolves in most organic solvents |

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Partition coefficient n-octanol/water (log value) does not apply to mixtures
Vapour pressure not determined
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (CAS: 64742-48-9) 3 hPa at 20 °C
Density and/or relative density
Density 1,40-1,50 g/cm³ at 22 °C
Relative vapour density >1
Particle characteristics applies to solids

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is not reactive.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

| Route of exposure | Parameter | Method | Value | Exposure time | Species | Sex |
|--------------------|------------------|----------|-------------------------|---------------|-------------------------|-----|
| Oral | LD ₅₀ | OECD 401 | >5000 mg/kg bw | | Rat (Rattus norvegicus) | F/M |
| Inhalation (vapor) | LC ₅₀ | OECD 403 | >5000 mg/m ³ | 8 hour | Rat (Rattus norvegicus) | M |
| Dermal | LD ₅₀ | OECD 402 | >2000 mg/kg bw | 24 hour | Rabbit | |

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

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.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

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Toxicity for specific target organ - 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

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

| Parameter | Method | Value | Exposure time | Species | Environment |
|-----------|----------|------------|---------------|---|-------------|
| LL50 | OECD 203 | >1000 mg/l | 96 hour | Fishes (Oncorhynchus mykiss) | |
| LL50 | OECD 202 | >1000 mg/l | 48 hour | Aquatic invertebrates (Daphnia magna) | |
| EL50 | OECD 201 | >1000 mg/l | 72 hour | Algae (Raphidocelis subcapitata) | |
| NOELR | OECD 201 | 3-100 mg/l | 72 hour | Algae (Raphidocelis subcapitata) | |
| EL50 | | 0.95 mg/l | 48 hour | Aquatic microorganisms (Tetrahymena pyriformis) | |

Chronic toxicity

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

| Parameter | Value | Exposure time | Species | Environment |
|-----------|-----------|---------------|---------------------------------------|-------------|
| NOELR | 0.13 mg/l | 28 day | Fishes (Oncorhynchus mykiss) | |
| NOELR | 0.23 mg/l | 21 day | Aquatic invertebrates (Daphnia magna) | |

12.2. Persistence and degradability

Biodegradability

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

| Parameter | Value | Exposure time | Environment | Result |
|-----------|-------|---------------|-------------|----------------------|
| | 80 % | 28 day | | Easily biodegradable |

The product is partially biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

12.4. Mobility in soil

The product is insoluble in water and does not show mobility in soil.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

Danger of environmental contamination, follow the applicable waste disposal regulations. Store unused product and contaminated packaging in closed containers for waste collection and hand over for disposal to a specialized company authorized to conduct such activity. Do not pour unused product into drains. It must not be disposed of together with municipal waste. Empty packaging can be used for energy in a waste incineration plant or collected in a landfill with an appropriate classification. Perfectly cleaned packaging can be recycled. The classification of waste may change depending on where it is generated.

Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (contains: C9-C11 hydrocarbons, <2% aromatics)

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

III - substances presenting low danger

14.5. Environmental hazards

No.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

NOTE: The product packed in receptacles with a capacity of not more than 450 liters is not subject to the provisions of ADR (2.2.3.1.5).

Hazard identification No.

30

UN number

1993

Classification code

F1

Safety signs

3



Marine transport - IMDG

EmS (emergency plan)

F-E, S-E

MFAG

310

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Environmental Protection Act 1990 as amended. Clean Air Act 1993 as amended. Public health act 1961. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

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15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

| | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H336 | May cause drowsiness or dizziness. |

Guidelines for safe handling used in the safety data sheet

| | |
|----------------|--|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P501 | Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P264 | Wash hands and exposed parts of the body thoroughly after handling. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |

A list of additional standard phrases used in the safety data sheet

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
|--------|---|

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

| | |
|---------------------|---|
| ADR | European agreement concerning the international carriage of dangerous goods by road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| DNEL | Derived no-effect level |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EL ₅₀ | Effective Loading for 50% of the tested organisms |
| EmS | Emergency plan |
| EuPCS | European Product Categorisation System |
| IATA | International Air Transport Association |
| IBC | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| INCI | International Nomenclature of Cosmetic Ingredients |
| ISO | International Organization for Standardization |
| IUPAC | International Union of Pure and Applied Chemistry |
| LC ₅₀ | Lethal concentration of a substance in which it can be expected death of 50% of the population |
| LD ₅₀ | Lethal dose of a substance in which it can be expected death of 50% of the population |
| LL ₅₀ | Lethal Loading for 50% of tested organisms |
| log K _{ow} | Octanol-water partition coefficient |
| LZO | Volatile organic compounds |
| MARPOL | International Convention for the Prevention of Pollution from Ships |
| NOEL | No observed effect level |
| NOELR | No Observed Effect Loading Rate |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, Bioaccumulative and Toxic |

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| | |
|------------|---|
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Agreement on the transport of dangerous goods by rail |
| UE | European Union |
| UN | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB | Substances of unknown or variable composition, complex reaction products or biological materials |
| vPvB | Very Persistent and very Bioaccumulative |
| WE | Identification code for each substance listed in EINECS |
| Asp. Tox. | Aspiration hazard |
| Flam. Liq. | Flammable liquid |
| STOT SE | Specific target organ toxicity - single exposure |

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

This safety data sheet replaces version 1.0 dated 25.11.2021.

Updated sections: 1,3,7,8,9,10,11,12,13,15,16.

More information

Classification procedure - calculation method and based on tests of physicochemical properties.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.