SAFETY DATA SHEET

According to regulation (EU) N0 1907/2006 with later changes

AquaThene PRIMER

Aqua Tech
waterproofing solutions

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Safety data sheet prepared by:
Aqua Tech – Leja, Lietz Spółka jawna

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

1.1 Product identifier
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1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Primer that increases the adhesion of bituminous membranes.
Uses advised against: Incorrect use of the product.

1.3 Details of the supplier of the safety data sheet
Supplier:
Aqua Tech – Leja, Lietz Spółka jawna
Ul. Kineskopowa 1 bud. A lok. 26
05-500 Piaseczno, Polska
Competent person responsible for the safety data sheet:
a.winiczenko@aqua-tech.com.pl

1.4 Emergency telephone number
In Poland (open from 8:00 – 16:00): 22 847 06 52

2 SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
According to regulation (UE) Nr. 1272/2008 (CLP)
The product is not subject to the obligation to classify according to GHS criteria.

2.2 Label elements
Global Harmonized System, EU (GHS)
The product does not require labelling according to GHS criteria
According to Regulation (EU) No. 1272/2008 (CLP)
Labelling of a specific mixture (GHS):
EUH208: May produce an allergic reaction. includes: MIXTURE 5-CHLORO-2-METYLO-4-IZOTIAZOL-3-ONU I 2-METYLO-2H-IZOTIAZOLU-3-ONU (3:1), 2-METYLO-2HIZOTIAZOLO-3-ON, 1,2-BENZOIZOTIAZOL-3(2H)-ON

2.3 Other hazards
According to Regulation (EU) No. 1272/2008 (CLP)
No special hazards are known if the regulations / recommendations regarding storage and handling are followed. If the product adheres to the skin, irritation may occur after drying.

3 SECTION 3: Composition/information on ingredients

3.1. Substances
N.A.

3.2. Mixtures
Composition according to the Directive 67/548/EWG.
The product does not contain ingredients posing a threat to health or the environment in accordance with applicable regulations and ingredients for which the highest allowable concentrations in the work environment have been determined
Composition according to Regulation 1272/2008.
The product does not contain ingredients posing a threat to health or the environment in accordance with applicable regulations and ingredients for which the highest allowable concentrations in the work environment have been determined.
Insofar as the hazardous ingredients are listed, the meaning of the R and H phrases is given in section 16 of the safety data sheet.

4 SECTION 4: First aid measures

4.1 Description of first aid measures

In case of skin contact:
Take off contaminated clothing. In case of contact with skin, wash thoroughly with soap and water.
In case of eye contact:
In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes with eyelids open, consult an ophthalmologist.
If swallowed:
If swallowed, immediately rinse mouth, drink plenty of water, seek medical attention.
In case of Inhalation:
In the event of exposure to the product, ensure access to fresh air and medical attention.
In case of ingestion:
If swallowed, immediately rinse mouth, drink plenty of water, seek medical attention

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

No specific hazards are encountered under normal product use.

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

Treatment: symptomatic (detoxification, life support), no specific antidote is known.

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5 SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Distributed water currents
Dry chemical, foams
Carbon dioxide (CO2).
Extinguishing media which must not be used for safety reasons:
N.A.

5.2. Special hazards arising from the substance or mixture

No particular hazards are known.

5.3. Advice for firefighters

Special protective equipment:
No data
Other data:
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with regulations.
The product itself does not burn; adapt firefighting measures to the surroundings.

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6 SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing. Avoid contact with skin and eyes.

6.2. Environmental precautions

Prevent product from entering the water / sewage system / ground water / surface water without prior treatment in a biological sewage treatment plant.

6.3. Methods and material for containment and cleaning up

For small amounts: Collect with a liquid binding agent (e.g. sand, wood flour, universal binding agent, diatomaceous earth). Dispose of the material collected in accordance with regulations.
For large amounts: Pump off product.

6.4. Reference to other sections

Information on restrictions, exposure controls, personal protection measures and guidance on waste disposal can be found in sections 8 and 13.

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7 SECTION 7: Handling and storage

7.1. Precautions for safe handling

Observe the precautions recommended when handling chemicals. Small amounts of carbon monoxide may form with prolonged storage. To the best of our knowledge, occupational exposure

limit values (NDS) will not be exceeded if they are used as intended. The tank / tanker can be entered after thorough and safe ventilation. National regulations and international standards must be observed. If in doubt, measure CO concentration.

7.2. Conditions for safe storage, including any incompatibilities

Protect against frost during storage.

7.3. Specific end use(s)

None

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8 SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values for exposure at the workplace.

None

8.2. Exposure controls

PERSONAL PROTECTION

HAND PROTECTION:

Suitable chemical-resistant protective gloves (EN 374) also for prolonged direct contact (recommended: protective indicator 6, corresponding to> 480 minutes permeation time according to EN 374): e.g. from nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm) and others.

Additional note: the data is based on own research, literature data and information from glove manufacturers, or is derived from an analogy for similar materials.

It should be taken into account that, in practice, the life span of protective gloves for the chemical industry may be much shorter than determined on the basis of tests, due to the influence of many factors, e.g. temperature.

EYE PROTECTION:

safety glasses with side protection (frame glasses) (e.g. EN 166)

General safety and hygiene tips

Note: The personal protective equipment used should meet the requirements of the Regulation of the Minister of Economy of December 21, 2005. on the essential requirements for personal protective equipment (Journal of Laws No. 259, item 2173). Wash hands and / or face before breaks or after finishing work. Avoid contact with skin and eyes.

Environmental exposure controls

Instructions for limiting and controlling environmental exposure can be downloaded in Chapter 6.

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9 SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: liquid
Bright red colour
Odour: weak
Odour threshold: N.A.
pH: 7.0-8.5
Melting point / freezing point: N.A.
Initial boiling point and boiling range: 100 ° C
Ignition of solids / gases: N.A.
High / low flammability or explosion limits: N.A.
Vapor density: N.A.
Ignition temperature: N.A.
Evaporation rate: N.A.
Steam pressure: N.A.
Relative density: ≈1,015 g / cm² (20 ° C)
Vapor density: N.A.
Water solubility: soluble
Oil solubility: no data available
Viscosity: 40-200 mPa.s (23 ° C)
Auto-ignition temperature: not self-igniting
Ignition limits in air (% volume): N.A.

Decomposition temperature: Decomposition does not occur if used properly.
Partition coefficient (n-octanol / water): N.A.
Explosive properties: the product is not explosive
Flammability properties: not conducive to fire

9.2 Other information
Miscibility: miscible with water
Solubility in fat: N.A.
Conductivity: N.A.
Characteristic properties of substance groups: N.A.

10 SECTION 10: Stability and reactivity

10.1 Reactivity
No hazardous reactions as long as the regulations / recommendations regarding storage and handling are respected.

10.2. Chemical stability
The product is stable if stored and handled as prescribed / indicated.

10.3. Possibility of hazardous reactions
Hazardous reactions do not occur when storing and handling the product in accordance with regulations. Small amounts of carbon monoxide may form with prolonged storage.

10.4. Conditions to avoid
Avoid extreme temperatures.

10.5. Incompatible materials
There are no known substances to avoid.

10.6. Hazardous decomposition products
No hazardous decomposition products known if the regulations / instructions for storage and handling are followed.

11 SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity
Acute Toxicity Assessment:
Virtually non-toxic if swallowed once. The product has not been tested.
The statement is based on substances / products with similar structure or composition.
Experimental / calculated data:
LD50 rat (oral):> 2,000 - 10,000 mg / kg
Irritating effect
Assessment of irritant effects:
If the product adheres to the skin, irritation may occur after drying.
Does not irritate eyes. Does not irritate the skin. The product has not been tested.
The statement is based on substances / products with similar structure or composition.
Experimental / calculated data:
Corrosion / skin irritation rabbit: Non-irritant. (OECD Guideline 404)
Serious eye damage / irritation rabbit: Non-irritant. (OECD Guideline 405)
Respiratory / skin sensitization
Assessment of sensitization:
Tested on animals, does not cause allergic reactions. The product has not been tested.
The statement is based on substances / products with similar structure or composition.
Germ cell mutagenicity
Mutagenicity assessment:
The substance did not show mutagenic properties on bacteria. The product has not been tested.
The statement is based on substances / products with similar structure or composition.
Carcinogenicity
Carcinogenicity assessment:
There is no indication of carcinogenicity from the total information recorded
Reproductive Toxicity
Assessment of reproductive toxicity:

Presumably, it is not harmful to reproduction (based on ingredients).
Developmental toxicity
Assessment of teratogenicity:
Assessment of possible harmful effects on development on the basis of the data submitted is not possible.
Specific target organ toxicity (single exposure)
Specific target organ toxicity STOT single exposure:
Based on the information submitted, no toxic hazard to target organs has been identified as a result of single exposure.
Specific target organ toxicity after repeated exposure (repeated exposure)
Toxicity assessment with repeated administration:
In animal experiments no adverse effects were observed after repeated inhalation exposure. The product has not been tested. The statement was based on substances / products with similar structure or composition.
The aspiration hazard
is not applicable
Other toxicity comments
According to our experience and available information, it has no harmful properties if handled and used as intended. The statement is based on the results of tests carried out on products with similar composition.

12 SECTION 12: Ecological information

12.1. Toxicity
Toxicity to fish:
LC50 (96 h)> 100 mg / l, Brachydanio rerio (OECD-Richtlinie 203, static)
Aquatic invertebrates:
EC50 (48 h)> 100 mg / l, Daphnia magna (OECD Guideline 202, Part 1, static)
Water plants:
EC50 (72 h)> 100 mg / l, Scenedesmus subspicatus (OECD Guideline 201)
Nominal concentration.
Microorganisms / effect on activated sludge:
EC20 (0.5 h)> 100 mg / l, Activated sludge, municipal (DIN EN ISO 8192-OECD 209 88/302 / EEC,T.C)
With proper introduction of small concentrations to the biological sewage treatment plant, no disturbance of activated sludge decomposition should be expected.

12.2. Persistence and degradability
Assessment biodegradation and elimination (H2O):
The product can be largely eliminated from water through abiotic processes, e.g. activated sludge adsorption.
Elimination data:
> 70% DOC reduction (OECD 302B; ISO 9888; 88/302 / EEC, Part C) easy elimination from water.

12.3. Bioaccumulative potential
Bioaccumulation potential:
The polymer component is not bioavailable due to its structural properties.
One should not expect an increase in its amount in organisms

12.4. Mobility in soil
N.A.

12.5. Results of PBT and vPvB assessment
In accordance with EC Regulation No. 453/2010: The product does not meet the criteria for PBT (persistent, bioaccumulative, toxic) and vPvB (very persistent, very bioaccumulative).

12.6. Other adverse effects
N.A.

12.7. Additional tips
Adsorbable organically bound halogen (AOX):
No data.
Other ecotoxicological guidelines:

Prevent product from entering the waters without prior treatment in a biological sewage treatment plant. According to the current state of knowledge, no negative ecological impact should be expected.
The ecological data given has been determined on the basis of an analogy.
Observe the conditions that must be met when discharging sewage into water or into the ground, and on substances that are particularly harmful to the aquatic environment, as specified in the Regulation of the Minister of the Environment of November 18, 2014 (Journal of Laws No. 0, item 1800).

13 SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste classification in accordance with the Regulation of the Minister of Environmental Protection of December 9, 2014 regarding the waste catalogue (Journal of Laws No. 0, item 1923)
Waste treatment in accordance with the Act on waste from December 14, 2012 (Journal of Laws 0 item 21 of 08.01.2013) and in accordance with the Act on packaging and packaging waste management of June 13, 2013 (Journal of Laws No. 0, item 888 from 6.08.2013)

14 SECTION 14: Transport information

Transport by land
ADR
The product is not classified as dangerous goods within the meaning of transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class (es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions
unknown to users
RID
The product is not classified as dangerous goods within the meaning of transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class (es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special measures precautions for users: unknown
Inland waterway transport
ADN
The product is not classified as dangerous goods within the meaning of transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class (es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special measures precautions for users: unknown
Tanker inland waterway transport / bulk ship
Not rated
Transport by sea
IMDG
The product is not classified as dangerous goods within the meaning of transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class (es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for users: unknown
Air transport

IATA / ICAO
The product is not classified as dangerous goods within the meaning of transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class (es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special measures precautions for unknown users

14.1. UN number
See the relevant entries for "UN Number" for each recipe in the table above.

14.2. UN proper shipping name
See the relevant entries for "UN applicable transport markings" for each recipe in the table above.

14.3. Transport hazard class(es)
See the relevant entries for "Transport hazard classes" for each recipe in the table above.

14.4. Packing group
See the corresponding entries for "Packing group" for each recipe in the table above.

14.5. Environmental hazards
See the relevant entries for "Environmental hazards" for each recipe in the table above.

14.6. Special precautions for user
See the relevant entries for "Special precautions for user" for each recipe in the table above.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Recipe: Not evaluated
Transport allowed: Not evaluated
Name of impurities: Not evaluated
Type of impurities: Not evaluated
Type of watercraft: Not evaluated

15 SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
If other legal provisions apply that are not mentioned elsewhere in the safety data sheet, they are described in this subsection.
Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2015 item 1203 consolidated text)
Regulation of the Minister of Health of 10.08.2012 regarding criteria and method of classification of substances and their mixtures. (Journal of Laws 2012.1018).
Labeling of packaging in accordance with the Regulation of the Minister of Health of 20 April 2012 on the labeling of packaging of dangerous substances and dangerous mixtures and certain mixtures (Journal of Laws No. 00, item 445).
All work with the product should be carried out in accordance with the provisions of the Regulation of the Minister of Labor and Social Policy of September 26, 1997. on general health and safety regulations (Journal of Laws No. 129, item 844), consolidated text Journal of Laws 169, item 1650 from 2003, as amended No. 49, item 330 from 2007 and Coll. No. 108, item 690 from 2008
MPiPS Ordinance of 6 June 2014 on the highest allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws 2014 item 817).
The product does not contain asbestos (Act of 19.06.1997 prohibiting the use of asbestos-containing products, consolidated text, Journal of Laws No. 3, item 20 of 2004, as amended, Journal of Laws No. 96, item 959, Journal Of Laws No. 120, item 1252, Journal of Laws No. 210, item 2135 of 2004, and Journal of Laws 10, item 72 of 2005 and Journal of Laws No. 20, item 106 of 2009 r.).
Montreal Protocol of 16.09.1987 on substances that deplete the ozone layer (Journal of Laws No. 98, items 488, 490 and 491), as amended (Journal of Laws No. 30, items 190 and 191 of 2007) and Act on substances that deplete the ozone layer from April 20, 2004, Journal of Laws No. 121, item 1263 of 2004, as amended No. 175, item 1458, OJ No. 203, item, 1683 of 2005, consolidated text Journal of Laws 2014, item 436.

15.2. Chemical safety assessment
Safety assessment not required

16 SECTION 16: Other information

The product does not contain ozone-depleting substances. The product does not contain asbestos. The data contained in the safety data sheet are based on our current knowledge and experience and describe the product in terms of safety requirements. This safety data sheet is not a Certificate of Analysis or a technical data sheet and cannot be confused with the specification agreement. The identified uses in this safety data sheet are neither a substance / mixture quality agreement nor an agreed use.
List of R phrases:
None
List of H and EUH phrases:
None
Updated Items:
None
This safety data sheet has been developed on the basis of safety data sheets provided by manufacturers and / or online databases and applicable regulations on hazardous chemical substances and preparations.
This card cancels and replaces previous editions.
List of shortcuts:

vPvB:	(substance) very persistent and very bioaccumulating
PBT:	(substance) Persistent, bioaccumulative and toxic
ADR:	European Agreement concerning International Carriage Dangerous Goods Road
ADN:	European agreement on the international carriage of dangerous goods by inland waterways
UVCB:	Substances of unknown or variable composition, complex reaction products or biological materials
CAS:	Chemical Abstracts Service (branch of the American Society Chemical).
CLP:	Classification, Labeling and Packaging
DNEL:	Derived No Effect Level
EINECS:	European List of Existing Commercial Substances
GefStoffVO:	Dangerous Substances Regulation, Germany
GHS:	Global Harmonized System of Classification and Labeling chemicals
IATA:	International Air Transport Association
IATA-DGR:	Convention on the Safe Transport of Materials
ICAO:	International Civil Aviation Organization
ICAO-TI:	Technical Instructions
IMDG:	International Maritime Dangerous Goods Code
INCI:	International Nomenclature of Cosmetic Ingredients
KSt:	Explosive index.
LC50:	Lethal concentration for 50 percent of individuals in the study population
LD50:	Lethal dose for 50 percent of individuals in the study population
ECX:	The concentration at which X% reduction in growth or growth rate is observed
LOEC:	Lowest concentration producing an observable effect
NOEL:	The highest concentration of a substance at which no effects are observed
LTE:	Extended exposure.
PNEC:	Predicted No-Effect Concentration
RID:	Regulations of the International Carriage of Goods by Rail dangerous
STE:	Short exposure.
STEL:	Short-term Exposure Limit
STOT:	Toxic effect on target organs
TLV:	Highest Permissible Concentration Value
TWATLV:	Maximum Acceptable Average Concentration Over 8-Hour Working Time
OEL:	Substance with the highest value specified at Union level allowable concentration in the work environment.
VLE:	Threshold Limiting Value.
WGK:	German Water Hazard Class
TSCA:	United States Toxic Substances Control Act Inventory
DSL:	DSL - Canadian Domestic Substances List
WEL:	Maximum allowable concentration

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NDSCh: Maximum permissible instantaneous concentration
NDSP: Maximum permitted ceiling concentration

*The datasheet model has been adapted according to the regulation update.