	<b>Material Safety Data Sheet</b>	Revision:08.09.2020
	According to article 31 and Annex II of the EU REACH Regulation	Update:15.12.2020
	<b>ULTRALIT HARD FRESH</b>	Version 1.1
		Page 1 of 7

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

### 1.1 Product identifier

Ultralit Hard Fresh

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** Concrete impregnation, improving the flexibility of fresh concrete when laying.  
For professional use only.

**Uses advised against:** No further relevant information available.

### 1.3 Details of the supplier of the safety data sheet:

**Supplier:**

**Dragan Anna Roguska**

**Street address:**

Parowcowa 4C Street

**Country/Postcode:**

Poland, 02-445 Warszawa

**Telephone number:**

+48 22 814 74 81

**e-mail:**

info@ultralit.eu

### 1.4 Emergency telephone number:

112

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Mixture:**

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

Skin Sens.1A H317 May cause an allergic skin reaction. (Sensitisation — Skin, hazard category 1A)

### 2.2 Label elements

Contains 2-methylisothiazol-3(2H)-on, 1,2-Benzisothiazol-3(2H)-one

### Supplemental information on the label:

not applicable

### Hazard pictograms:



**Signal word:**

WARNING

### Hazard statements:

H317 May cause an allergic skin reaction

### Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/ spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container to in accordance with local/ regional/national/international regulation.


### 2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

**3.1 Substances:** Not applicable

**3.2 Mixtures:**

	<b>Material Safety Data Sheet</b> According to article 31 and Annex II of the EU REACH Regulation	Revision:08.09.2020
	<b>ULTRALIT HARD FRESH</b>	Update:15.12.2020
		Version 1.1
		Page 2 of 7

Chemical name	Identifiers	[% weight.]	Classification (REGULATION (EC) No 1272/2008)
<b>2-methylisothiazol-3(2H)-on**</b>	Index No: 613-326-00-9 EC No: 220-239-6 CAS No: 2682-20-4 REACH No: -*	≥0,00125 <0,0125	Aute Tox.3 H301 Acute Tox.3 H311 Skin Corr.1B H314 Eye Dam.1 H318 Skin Sens.1A H317 Acute Tox.2 H330 Aquatic Acute1 H400 (M=10) Aquatic Chronic1 H410 (M=1)
<b>1,2-Benzisothiazol-3(2H)-one***</b>	Index No: 613-088-00-6 EC no: 220-120-9 CAS No: 2634-33-5 REACH No: -*	≥0,00125 <0,0125	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400 (M=1)

\*A registration number is not available for this substance as the substance is exempted from registration or the annual tonnage does not require a registration.

\*\* Specific concentration limits for 2-methylisothiazol-3(2H)-on:

Skin Sens.1A H317; C≥0,0015%

\*\*\* Specific concentration limits for 1,2-benzoizotiazol-3(2H)-on:

Skin Sens.1 H317; C≥0,05%

The Full Text for all H-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Following eye contact:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if symptoms occur and persist after washing.

**Following inhalation:** Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

**Following skin contact:** Immediately remove contaminated clothing. Wash the skin with a lot of water. Contaminated clothing should be washed before re-use. Get medical attention if symptoms occur and persist after washing.

**Following ingestion:** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a doctor if you feel unwell. Provide ventilation.

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

May cause an allergic skin reaction.

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

If any symptoms persist seek medical advice and show the msds or label.

**Notes for the doctor:** Treat symptomatically.

## SECTION 5: Firefighting measures


### 5.1 Extinguishing media

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray

**Unsuitable extinguishing media:** do not use water in a jet

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition or combustion may liberate toxic fumes.

	<b>Material Safety Data Sheet</b>	Revision:08.09.2020
	According to article 31 and Annex II of the EU REACH Regulation	Update:15.12.2020
	<b>ULTRALIT HARD FRESH</b>	Version 1.1
		Page 3 of 7

### 5.3 Advice for firefighters

**Special Fire Fighting Procedures:** Wear full protective clothing and self-contained breathing apparatus.

**Protective equipment for fire-fighters:** Keep containers cool by spraying with water. If possible remove containers from the danger zone. Prevent from spreading or entering drains, ditches or rivers. Dispose of released and contained material in accordance with local regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:**

Removed from the danger area all persons not involved in the emergency. If necessary, order the evacuation. Avoid contact with skin, eyes. Avoid inhalation of vapours. Provide ventilation.

**For emergency responders:**

Wear protective clothing as described in Section 8.

### 6.2 Environmental precautions

Do not discharge into drains, water courses or into the ground. Local authorities should be advised if any exposure to the environment occurs.

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (eg. sawdust, sand). Collect in a waste container. Dispose of waste according to the applicable local and national regulation.

### 6.4 Reference to other sections

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Protective measures:**

Use only in a well-ventilated area. Avoid breathing vapour. Avoid contact with eyes, skin. When handling, use appropriate personal protective equipment (see Section 8). Keep away from heat, flame and all other sources of ignition. Do not smoke! When using do not eat or drink..

**Advice on general occupational hygiene:**

Ensure good ventilation / exhaustion at the workplace. When using do not eat, drink or smoke. Wash hand before and after work with product. Contaminated clothing should be washed before re-use. Avoid spillage.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place at the temperature above 5-35°C. Do not store together with food.

### 7.3 Specific end use(s)

Concrete impregnation

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

International Limits Values: No determined

**DNEL, PNEC** – No data available

### 8.2 Exposure controls

**Appropriate engineering controls**

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Avoid contact with eyes. Wear approved chemical safety goggles where eye exposure is reasonably probable.

## ULTRALIT HARD FRESH

### Skin protection:

Hand protection: Wear protective gloves e.g. PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Other: Wear protective clothing. Contaminated clothing should be washed before re-use.

**Respiratory protection:** Respiratory protection must be used if air contamination exceeds acceptable level. It is recommended to use respiratory equipment with filter.

### Environmental exposure controls

Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapour. Do not discharge into drains, water courses or into the ground. Local authorities should be advised if any exposure to the environment occurs.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	White liquid
Odour	Odorless
Odour threshold	No data available
pH	9-11
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1,25g/cm <sup>3</sup> (20°C)
Solubility(ies)	Mixed with water
Partition coefficient: n-octanol / water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

### 9.2 Other information:

No data available

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity


Not reactive under normal conditions of storage and use.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under normal conditions of storage and use

	<b>Material Safety Data Sheet</b>	Revision:08.09.2020
	According to article 31 and Annex II of the EU REACH Regulation	
	<b>ULTRALIT HARD FRESH</b>	
	Update:15.12.2020	
		Version 1.1
		Page 5 of 7

#### 10.4 Conditions to avoid

Avoid drying out of the solution as this can lead to a build-up of dust.

#### 10.5 Incompatible materials

Copper, mild steel, aluminium

#### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

No data available for the mixture

##### 2-methylisothiazol-3(2H)-on

LD50 (rat, oral) 120 mg/kg m.c.

LC50 (rat, inhalation) 0.11 mg/L

LD50 (rat, dermal) 242 mg/kg m.c.

##### 1,2-Benzisothiazol-3(2H)-one

LD50 (rat, oral) 670 mg/kg m.c.

LC50 (inhalation) No data available

LD50 (rat, dermal) > 2 000 mg/kg

##### 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

May cause an allergic skin reaction.

##### 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.

##### Additional information

Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1 Toxicity

No data available for the mixture

##### 2-methylisothiazol-3(2H)-on


Fish (Oncorhynchus mykiss)	LC50	4.77 mg/L exposure time: 96h
aquatic invertebrates (Daphnia magna)	LC50	0.934 mg/L exposure time: 48h
algae (Pseudokirchneriella subcapitata)	EC50	0.138 mg/L exposure time: 120h

##### 1,2-Benzisothiazol-3(2H)-one

Fish (Cyprinodon variegatus)	LC50	ca. 16.7 mg/L exposure time: 96h
aquatic invertebrates (Daphnia magna)	EC50	2.94 mg/L exposure time: 48h
algae (Pseudokirchneriella subcapitata)	EC50	150 µg/L exposure time: 72h

#### 12.2 Persistence and degradability

No further relevant information available

	<b>Material Safety Data Sheet</b>	Revision:08.09.2020
	According to article 31 and Annex II of the EU REACH Regulation	
	<b>ULTRALIT HARD FRESH</b>	
	Update:15.12.2020	
		Version 1.1
		Page 6 of 7

### 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

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Other adverse effects

No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Remove waste in accordance with local and/or national regulations.  
Remove waste in accordance with local and/or national regulations.

## SECTION 14: Transport Information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1. UN number	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	Not applicable	Not applicable	Not applicable	Not applicable
14.6. Special precautions for user	Not applicable	Not applicable	Not applicable	Not applicable
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable	Not applicable	Not applicable	Not applicable

## SECTION 15: Regulatory information

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

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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 with amendments.

2014/955/EU: Commission Decision of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council Text with EEA relevance

### 15.2 Chemical Safety Assessment


No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

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

Classification procedure: calculation method

Skin Sens.1A H317

	<b>Material Safety Data Sheet</b> According to article 31 and Annex II of the EU REACH Regulation	Revision:08.09.2020
	<b>ULTRALIT HARD FRESH</b>	Update:15.12.2020
		Version 1.1
		Page 7 of 7

**Relevant H-statements (number and full text)**

- H301 Toxic if swallowed.
- H302 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Toxic if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Additional Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, Information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Update section:2