

SAFETY DATA SHEET

Complying with Regulation 1907/2006/EC (REACH Regulation, EU 2020/878
and Regulation No 1272/2008/EC (CLP))

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Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: : SAPIRGUM

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

No relevant identified uses-mixture of substances

Application of the substance/preparation : Bituminous waterproofing material

1.3 Details of the supplier of the safety data sheet

BITULINE INDUSTRIES S.A

16thkm old Highway Thiva-Chalkida, Vathi Avlidias, Greece

Tel +30 2262-071792-4

Fax +30 2262071727

e-mail: bitu_ind@otenet.gr

1.4 Emergency telephone number Poisoning Centre in Athens ,Greece

Phone : +302107793777

SECTION 2 : Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation EC No 1272/2008 CLP

No classification required

Information concerning particular hazards for human and environment

Not applicable

Classification system

Not applicable

2.2 Label elements

Labeling according to Regulation EC No 1272/2008 CLP

Not required

Supplementary information

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards



Results of PBT and vPvB assessment

PBT : Not applicable

VPvB : Not applicable

SECTION 3: Composition/information on ingredients

3.1 Chemical description : Mixtures

| | | |
|---|--|-------------|
| CAS: 2634-33-5 EINECS: 220-120-9 Index No: 613-088-00-6 | 1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318;  Aquatic Acute 1, H400;  Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Skin Sens. 1; H317: C ≥ 0,05 % | 0,01-0,03 % |
|---|--|-------------|

SECTION 4 : First aid measures

4.1 Description of first aid measures

Take affected persons out into the fresh air.

Seek immediate medical advice

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment in case of complaints.

After skin contact:

Remove contaminated clothing.

Wash the skin immediately with soap and water.

In case of skin irritation, consult a physician.

After eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for at least 15 minutes.

Get medical attention if irritation occurs.

Avoid strong water jet-risk of cornea damage, consult a doctor.

After swallowing:

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

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 Extinguish media

Suitable extinguish agents

Carbon dioxide CO₂, powder or water spray. Fight larger fires with water spray

Unsuitable extinguish agent Water with full jet

5.2 Special hazards arising from the substance or mixture

Carbon dioxide, Carbon monoxide

5.3 Advice for firefighters

In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with positive pressure air supply and a mask that covers the entire face.

SECTION 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

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).

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

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

Open and handle receptacle with care.

Handle with care. Avoid jolting, friction and impact.

Avoid contact with eyes, hands and clothing.
Ensure good ventilation.
Avoid inhaling vapors.
Do not eat or drink during the use of the product.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in a closed container within a cool, dry, well-ventilated area.

Protect from freezing

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

CAS: 8052-42-4 asphalt

TWA (GR) Long term exposure limit 5 mg/m³

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Wash hands before breaks and at the end of work.
Take off contaminated clothing and wash before reuse.
Do not breathe vapours or mists.
Avoid contact with the eyes and skin.
Do not eat, drink or smoke while using the product.

Respiratory protection



In case of insufficient ventilation use respiratory filter device.

Protection of hands:



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given 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

• 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.

• Penetration time of glove material

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye protection:



Safety glasses

Body protection



Protecting work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

| | |
|-----------------------------|----------------|
| Colour | brown |
| Odour | not determined |
| Odour threshold | not determined |
| pH value | 8-9 |
| Boiling point/boiling range | 100°C |
| Flash point | non flammable |

| | |
|--|-----------------------------------|
| Decomposition temperature | not determined |
| Self-ignition temperature | the product is not self-igniting. |
| Explosive limits | |
| lower | non applicable |
| upper | non applicable |
| Vapour pressure | not determined |
| Density at 20 °C | 1.05 -1.1 g/cm ³ |
| Relative density | not determined |
| Vapour density | not determined |
| Solubility in/miscibility with water | miscible |
| Segregation coefficient (n-octanol/water) | not determined |
| Viscosity | |
| Dynamic at 20 °C | not determined |
| Kinematic | not determined |

9.2 Other information

Appearance:

Form: paste

Important information on protection of health and environment, and on safety.

Explosive properties: Product is not explosive.

Oxidising properties Not oxidising

Evaporation rate Not determined

Information with regard to physical hazard classes

Explosives Void

Flammable gases Void

Aerosols Void

Oxidising gases Void

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 Stable under normal conditions

10.2 Chemical stability

Thermal decomposition /conditions to be avoided

The product must not be overheated

Stable at environment temperature

10.3 Possibility of hazardous reactions . No dangerous reactions known

10.4 Conditions to avoid Protect from freezing

10.5 Incompatible materials No further information available

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral LD50 > 1020mg/kg (rat)
Dermal LD50 > 2000 mg/kg(rat)

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.

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.

SECTION 12: Ecological information

12.1 Toxicity

Acquatic toxicity

2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50 (72h) 0,15 mg/l (sec)

EC50 (48h) 1,1 mg/l (daphnia magna)

LC50 (96h) 1,6 mg/l (oncorhynchus mykiss)

12.2 Persistence and degradability No further relevant information available

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

Non applicable

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse affects No further relevant information available

SECTION 13.Disposal considerations

13.1 Waste treatment methods

Recommendations

Disposal must be according to National Legislation.

Do not allow product to reach sewage system

Uncleaned packaging

Recommendation

Disposal must be according to official regulations

SECTION 14 : Transport information

14.1 UN number

ADR,IMDG,IATA

Non applicable

14.2 UN proper shipping name

ADR , IMDG,IATA

Non applicable

14.3 Transport hazard class(es)

ADR IMDG,IATA

Not classified

14.4 Packing group

ADR,IMDG,IATA

Non applicable

14.5 Environmental hazards:

Marine pollutant:

Non applicable

14.6 Special precautions for user

| | |
|---|-----------------|
| Danger code (Kemler) | Non applicable |
| EMS Number : | Non applicable |
| 14.7 Maritime transport in bulk according to IMO instruments | Non applicable. |

SECTION 15. Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemical agents at work.

Council Directive 94/33/EC on the protection of young people at work ,as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding , as amended.

· **Labelling according to Regulation (EC) No 1272/2008** Non applicable

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.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment : A Chemical Safety Assessment has not been carried out

SECTION 16. Other information

This information is based on our current knowledge. 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.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.