SAFETY DATA SHEET

# Lukas Structure Gel

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

### 1.1. Product identifier

▼Trade name

Lukas Structure Gel

▼Product no.

K228xxxxx

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

Relevant identified uses of the substance or mixture

Art supplies and hobby preparations

Use descriptors (UK REACH)

| Sectors of use | Description |
|---|---|
| LCS "C" | Consumer uses: Private households (= general public = consumers) |
| **Process category** | **Description** |
| PROC 10 | Roller application or brushing |

Uses advised against

None known.

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

Company and address

**F.I.L.A. S.p.A.**
Via XXV Aprile, 5
PERO
20016 Milan
+390238105291
Lukas.eu

Revision

23/07/2024

SDS Version

3.0

Date of previous version

15/11/2023 (2.0)

### 1.4. ▼Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 112 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

-

Prevention

-

Response

-

Storage

-

Disposal

-

▼Hazardous substances

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

▼Additional labelling

The product contains a biocidal product.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|---|---|---|---|
| 2-aminoethanol;ethanolamine | CAS No.: 141-43-5<br>EC No.: 205-483-3<br>UK-REACH:<br>Index No.: 603-030-00-8 | <0.1% | Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Acute Tox. 4, H332<br>STOT SE 3, H335<br>Aquatic Chronic 3, H412 | |
| 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one | CAS No.: 2634-33-5<br>EC No.: 220-120-9<br>UK-REACH:<br>Index No.: 613-088-00-6 | <0.05% | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10) | |
| bronopol (INN);2-bromo-2-nitropropane-1,3-diol | CAS No.: 52-51-7<br>EC No.: 200-143-0<br>UK-REACH:<br>Index No.: 603-085-00-8 | <0.05% | Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Acute 1, H400 (M=10) | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

▼Other information

-

## SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

In case of discomfort: bring the person into fresh air.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼Eye contact

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

Burns

Not applicable.

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

None known.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

## SECTION 6: Accidental release measures

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

No specific requirements.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Recommended storage material

Keep only in original packaging.

Storage temperature

Dry, cool and well ventilated
Room temperature 15 to 25°C

### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. ▼Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

▼DNEL

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 345 µg/kgbw/day |
| Long term – Systemic effects - Workers | Dermal | 966 µg/kgbw/day |
| Long term – Systemic effects - General population | Inhalation | 1.2 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 6.81 mg/m³ |

▼PNEC

1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Freshwater | | 4.03 µg/L |
| Freshwater sediment | | 49.9 µg/kg |
| Intermittent release (freshwater) | | 1.1 µg/L |
| Intermittent release (marine water) | | 110 ng/L |
| Marine water | | 403 ng/L |
| Marine water sediment | | 4.99 µg/kg |
| Sewage treatment plant | | 1.03 mg/L |
| Soil | | 3 mg/kg |

### 8.2. ▼Exposure controls

Apply general control to prevent unnecessary exposure

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### ▼Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### ▼Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

#### Hygiene measures

Wash hands after use.

#### Measures to avoid environmental exposure

No specific requirements.

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

##### Generally

Use only UKCA marked protective equipment.

##### Respiratory Equipment

No specific requirements

##### Skin protection

| Recommended | Type/Category | Standards |
|---|---|---|
| Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester. | - | - |

##### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|---|---|---|---|
| Nitrile | 2,0 | > 480 | EN374-2, EN374-3, EN388, EN407 |

Eye protection
No specific requirements.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state
Paste

Colour
White

Odour / Odour threshold
Characteristic

pH
8

Density (g/cm$^3$)
1.2 (20 °C)

Kinematic viscosity
10000 mPa.s (20 °C)

Particle characteristics
Testing not relevant or not possible due to the nature of the product.

Phase changes

Melting point/Freezing point (°C)
Testing not relevant or not possible due to the nature of the product.

▼Softening point/range (°C)
No data available.

Boiling point (°C)
100

Vapour pressure
Testing not relevant or not possible due to the nature of the product.

Relative vapour density
Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)
Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)
Testing not relevant or not possible due to the nature of the product.

Flammability (°C)
Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)
Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)
Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water
Completely soluble

n-octanol/water coefficient (LogKow)
Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)
Testing not relevant or not possible due to the nature of the product.

### 9.2. Other information

Oxidizing properties
Testing not relevant or not possible due to the nature of the product.

Other physical and chemical parameters
No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity
No data available.

### 10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

### 10.3. Possibility of hazardous reactions
None known.

### 10.4. Conditions to avoid
None known.

### 10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

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

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

#### 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.

### 11.2. Information on other hazards

#### Long term effects
None known.

#### Endocrine disrupting properties
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information
None known.

## SECTION 12: Ecological information

### 12.1. Toxicity
No data available.

### 12.2. ▼Persistence and degradability
Based on available data, the classification criteria are not met.

### 12.3. ▼Bioaccumulative potential
Based on available data, the classification criteria are not met.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11

### Specific labelling

▼Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| ADR | - | - | - | - | - | - |
| IMDG | - | - | - | - | - | - |
| IATA | - | - | - | - | - | - |

* Packing group

** Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

No special.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

Not applicable.

#### Additional information

Not applicable.

#### Sources

In accordance with Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as retained and amended in UK law.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
H312, Harmful 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.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H400, Very toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

### The full text of identified uses as mentioned in section 1

LCS "C" = Consumer uses: Private households (= general public = consumers)
PROC 10 = Roller application or brushing

### ▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

### ▼Additional information

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

### The safety data sheet is validated by

ST

### ▼Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en