SAFETY DATA SHEET
Lightning Link® Ulfa-Tag

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

1.1. Product identifier
Product name Lightning Link® Ulfa-Tag
Product number 770

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Chemical reagent

1.3. Details of the supplier of the safety data sheet
Supplier Innova Biosciences Ltd.
25 Norman Way
Over,
Cambridge CB24 5QE
Tel. +44(0) 1223 661000
info@innovabiosciences.com

1.4. Emergency telephone number
Emergency telephone +44 (0)1223 661000 (Mon-Fri), 09:00-17:00, UK Time

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements
Hazard statements NC Not Classified

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Composition comments This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits. None of the ingredients are required to be listed.

SECTION 4: First aid measures

4.1. Description of first aid measures
Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
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**Ingestion**
Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact**
Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact**
Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**Inhalation**
No specific symptoms known.

**Ingestion**
No specific symptoms known.

**Skin contact**
No specific symptoms known.

**Eye contact**
No specific symptoms known.

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

**Notes for the doctor**
No specific recommendations. Treat symptomatically.

**SECTION 5: Firefighting measures**

5.1. **Extinguishing media**

**Suitable extinguishing media**
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards**
No unusual fire or explosion hazards noted.

**Hazardous combustion products**
No known hazardous decomposition products.

5.3. **Advice for firefighters**

**Protective actions during firefighting**
No specific firefighting precautions known.

**SECTION 6: Accidental release measures**

6.1. **Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
For personal protection, see Section 8.

6.2. **Environmental precautions**

**Environmental precautions**
Not considered to be a significant hazard due to the small quantities used.

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

**Methods for cleaning up**
Non-hazardous substance.

6.4. **Reference to other sections**

**Reference to other sections**
For waste disposal, see section 13.

**SECTION 7: Handling and storage**

7.1. **Precautions for safe handling**

**Usage precautions**
No specific recommendations. Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions**
Store at -20°C

7.3. **Specific end use(s)**
Lightning Link® Ulfa-Tag

Specific end use(s)  The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments  No exposure limits known for ingredient(s).

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Ingredient comments  No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Appropriate engineering controls  No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection  Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection  No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures  When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection  No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance  Freeze dried solid

Colour  White.

Odour  Odourless.

Odour threshold  Not applicable.

pH  Not applicable.

Melting point  No information required.

Initial boiling point and range  No information required.

Flash point  Not applicable.

Evaporation rate  Not applicable.

Upper/lower flammability or explosive limits  Not applicable. :

Vapour pressure  Not applicable.

Vapour density  Not applicable.

Relative density  Not relevant.
Lightning Link® Ulfa-Tag

Solubility(ies) Not available. Soluble in water.
Partition coefficient Not available.
Auto-ignition temperature Not applicable.
Decomposition Temperature Not available.
Viscosity Not applicable.
Explosive properties Not applicable.
Oxidising properties Not applicable.

9.2. Other information
Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid
Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials
Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological effects Not relevant.

Inhalation Dust in high concentrations may irritate the respiratory system.
Ingestion May cause discomfort if swallowed.
Skin contact Powder may irritate skin.
Eye contact Particles in the eyes may cause irritation and smarting.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity
Toxicity Not applicable.
Lightning Link® Ulfa-Tag

12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

12.4. Mobility in soil

**Mobility** The product is soluble in water.

12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

**Other adverse effects** Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

**Road transport notes** Not classified.

**Rail transport notes** Not classified.

**Sea transport notes** Not classified.

**Air transport notes** Not classified.

14.1. UN number

Not classified for transportation.

14.2. UN proper shipping name

Not classified for transportation.

14.3. Transport hazard class(es)

Not classified for transportation.

14.4. Packing group

Not classified for transportation.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

Not classified for transportation.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Lightning Link® Ulfa-Tag

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Guidance
Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

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