SAFETY DATA SHEET
Lightning-Link® Quencher

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

1.1. Product identifier
Product name Lightning-Link® Quencher
Product number 790-0002

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 Expedeon Ltd.
25 Norman Way
Over,
Cambridge CB24 5QE
UK: +44 (0)1223 873364
info@expedeon.com
US: 1 - 844 - 611 3656

1.4. Emergency telephone number
Emergency telephone UK: +44 (0)1223 873364  9:00-17:00pm GMT (Mon-Fri)
                                      US: 1 - 844 - 611 3656   8:00-17:00 PST (Mon-Fri)

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 None of the ingredients are required to be listed. No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures
Lightning-Link® Quencher

Inhalation
Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store at -20°C or +4°C

7.3. Specific end use(s)
Lightning-Link® Quencher

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).

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  
Liquid.

Colour  
Colourless.

Odour  
Odourless.

Odour threshold  
Not applicable.

pH  
Not available.

Melting point  
Not available.

Initial boiling point and range  
Not available.

Flash point  
Not applicable.

Evaporation rate  
Not available.

Upper/lower flammability or explosive limits  
Not applicable. : : Not applicable.

Vapour pressure  
Not applicable.

Vapour density  
Not applicable.

Relative density  
Not available.

Solubility(ies)  
Soluble in water.

Partition coefficient  
Not available.

Auto-ignition temperature  
Not applicable.
**Lightning-Link® Quencher**

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<th>Information</th>
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<tr>
<td>Decomposition Temperature</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Explosive properties</td>
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<tr>
<td>Oxidising properties</td>
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### 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**

May be harmful if inhaled. May cause respiratory system irritation.

**Ingestion**

May be harmful if swallowed

**Skin contact**

May cause skin irritation/eczema.

**Eye contact**

May cause temporary eye irritation.

### SECTION 12: Ecological Information

**Ecotoxicity**

Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity**

Not applicable.

#### 12.2. Persistence and degradability

**Persistence and degradability**

There are no data on the degradability of this product.

#### 12.3. Bioaccumulative potential
Lightning-Link® Quencher

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
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
**Lightning-Link® Quencher**

**EU legislation**


**Guidance**

Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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<thead>
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<th><strong>SECTION 16: Other information</strong></th>
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