

Safety Data Sheet

Section I. Identification of the substance

Product Name: MagicLink™ Protein-Protein Cross Linking Kit
Component: MAGIC NHS ester
Product code: BP-50009, BP-50010, BP-50011
Supplier: Broadpharm, 6625 Top Gun Street, Suite# 103, San Diego, CA 92121, USA.
Tel: +1-858-677-6760

Section II. Hazards identification

GHS – Classification
Classification – Not classified as a hazard

Section III. Composition and information on ingredients.

Name: MAGIC NHS ester
Formula: proprietary
MW: N/A
CAS: N/A

Section IV. First aid measures

- Skin contact:* Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
- Eye contact:* Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
- Inhalation:* Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
- Ingestion:* Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

Section V. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

Section VI. Accidental release measures

Personal precautions. Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Respiratory precaution: Wear approved mask/respirator
Hand precaution: Wear suitable gloves/gauntlets
Skin protection: Wear suitable protective clothing
Eye protection: Wear suitable eye protection
Methods for cleaning up: Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
Environmental precautions: Do not allow material to enter drains or water courses.

Section VII. Handling and storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advice required
Storage: Keep in a dry, cool and well-ventilated place.

Section VIII. Exposure Controls / PPE

Engineering Controls: N/A.
Personal protective equipment: Wear chemical-resistant gloves, safety goggles.
General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section IX. Physical and chemical properties

Appearance: Solid/Liquid (Low Melting Point)
Odor: No data
Boiling point: No data
Melting point: No data
Flash point: No data
Density: No data
Molecular formula: N/A
Molecular weight: N/A

Section X. Stability and reactivity

Conditions to avoid: Heat, flames and sparks.
Materials to avoid: Oxidizing agents.
Possible hazardous combustion products: No data available.

Section XI. Toxicological information

No data

Section XII. Ecological information

No data

Section XIII. Disposal consideration

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

Section XIV. Transportation information

Non-hazardous for air and ground transportation.

Section XV. Regulatory information

Indication of Danger: No data.
Risk Statement: No data.
Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

Section XVI. Other information

This MSDS is correct to the best of our knowledge and belief at the date of its publication but does not purport to be all inclusive and shall be used only as a guide. BroadPharm shall not be held liable for any loss, injury or damage which may result from its use. This product is for research and development use only.

Safety Data Sheet

Section I. Identification of the substance

Product Name: MagicLink™ Protein-Protein Cross Linking Kit
Component LINK NHS ester
Product code: BP-50009, BP-50010, BP-50011
Supplier: Broadpharm, 6625 Top Gun Street, Suite# 103, San Diego, CA 92121, USA.
Tel: +1-858-677-6760

Section II. Hazards identification

GHS – Classification
Classification – Not classified as a hazard

Section III. Composition and information on ingredients.

Name: LINK NHS ester
Formula: proprietary
MW: N/A
CAS: N/A

Section IV. First aid measures

- 1.Skin contact:* Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
- 2.Eye contact:* Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
- 3.Inhalation:* Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
- 4. Ingestion:* Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

Section V. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

Section VI. Accidental release measures

Personal precautions. Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Respiratory precaution: Wear approved mask/respirator
Hand precaution: Wear suitable gloves/gauntlets
Skin protection: Wear suitable protective clothing
Eye protection: Wear suitable eye protection
Methods for cleaning up: Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
Environmental precautions: Do not allow material to enter drains or water courses.

Section VII. Handling and storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advice required
Storage: Keep in a dry, cool and well-ventilated place.

Section VIII. Exposure Controls / PPE

Engineering Controls: N/A.
Personal protective equipment: Wear chemical-resistant gloves, safety goggles.
General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section IX. Physical and chemical properties

Appearance: Oil
Odor: No data
Boiling point: No data
Melting point: No data
Flash point: No data
Density: No data
Molecular formula: N/A
Molecular weight: N/A

Section X. Stability and reactivity

Condition to avoid: Heat, flames and sparks.
Materials to avoid: Oxidizing agents.
Possible hazardous combustion products: No data available.

Section XI. Toxicological information

No data

Section XII. Ecological information

No data

Section XIII. Disposal consideration

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

Section XIV. Transportation information

Non-hazardous for air and ground transportation.

Section XV. Regulatory information

Indication of Danger: No data.
Risk Statement: No data.
Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

Section XVI. Other information

This MSDS is correct to the best of our knowledge and belief at the date of its publication but does not purport to be all inclusive and shall be used only as a guide. BroadPharm shall not be held liable for any loss, injury or damage which may result from its use. This product is for research and development use only.

Safety Data Sheet

Section I. Identification of the substance

Product Name: MagicLink™ Protein-Protein Cross Linking Kit:
Component Reaction Buffer
Product code: BP-50009, BP-50010, BP-50011
Supplier: Broadpharm, 6625 Top Gun Street, Suite# 103, San Diego, CA 92121, USA.
Tel: +1-858-677-6760

Section II. Hazards identification

GHS – Classification
Classification – Not classified as a hazard

Section III. Composition and information on ingredients.

Name: Reaction Buffer
Formula: NaCl, KCl, Na₂HPO₄, KH₂PO₄
MW: N/A
CAS: N/A

Section IV. First aid measures

- 1.Skin contact:* Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
- 2.Eye contact:* Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
- 3.Inhalation:* Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
- 4. Ingestion:* Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

Section V. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

Section VI. Accidental release measures

Personal precautions. Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Respiratory precaution: Wear approved mask/respirator
Hand precaution: Wear suitable gloves/gauntlets
Skin protection: Wear suitable protective clothing
Eye protection: Wear suitable eye protection
Methods for cleaning up: Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
Environmental precautions: Do not allow material to enter drains or water courses.

Section VII. Handling and storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advice required
Storage: 4°C.

Section VIII. Exposure Controls / PPE

Engineering Controls: N/A.
Personal protective equipment: Wear chemical-resistant gloves, safety goggles.
General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section IX. Physical and chemical properties

Appearance: colorless liquid
Odor: No data
Boiling point: No data
Melting point: No data
Flash point: No data
Density: No data
Molecular formula: N/A
Molecular weight: N/A

Section X. Stability and reactivity

Stability: Stable under normal conditions.
Materials to avoid: No dangerous reaction known under conditions of normal use.
Hazardous decomposition: None under normal use.
Products polymerization: Hazardous polymerization does not occur.

Section XI. Toxicological information

not hazardous

Section XII. Ecological information

Ecotoxicity effects: No information available.
Mobility: No information available.
Biodegradation: Inherently biodegradable.
Bioaccumulation: Does not bioaccumulate.

Section XIII. Disposal consideration

This product should be disposed of in accordance with local waste disposal authority guidelines.

Section XIV. Transportation information

Non-hazardous for air and ground transportation.

Section XV. Regulatory information

Indication of Danger: No data.
Risk Statement: No data.
Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

Section XVI. Other information

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Safety Data Sheet

Section I. Identification of the substance

Product Name: MagicLink™ Protein-Protein Cross Linking Kit
Component DMSO
Product code: BP-50009, BP-50010, BP-50011
Supplier: Broadpharm, 6625 Top Gun Street, Suite# 103, San Diego, CA 92121, USA.
Tel: +1-858-677-6760

Section II. Hazards identification

GHS – Classification
Classification – Flammable liquid

Section III. Composition and information on ingredients.

Name: Dimethyl Sulfoxide
Formula: (CH₃)₂SO
MW: 78.13
CAS: 67-68-5

Section IV. First aid measures

- Skin contact:* Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
- Eye contact:* Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
- Inhalation:* Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
- Ingestion:* Do not induce vomiting. Get medical attention.

Section V. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

Section VI. Accidental release measures

Personal precautions. Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Respiratory precaution: Wear approved mask/respirator
Hand precaution: Wear suitable gloves/gauntlets
Skin protection: Wear suitable protective clothing
Eye protection: Wear suitable eye protection
Methods for cleaning up: Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
Environmental precautions: Do not allow material to enter drains or water courses.

Section VII. Handling and storage

Handling: Always wear recommended Personal Protective Equipment. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.
Storage: Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame

Section VIII. Exposure Controls / PPE

Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal protective equipment: Wear chemical-resistant gloves, safety goggles.
General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section IX. Physical and chemical properties

Appearance: Colorless liquid
Odor: Odorless
Boiling point: 189°C/372.2°F
Melting point: 18.4°C/65.1°F
Flash point: 87°C/188.6°F
Density: No data
Molecular formula: (CH₃)₂SO
Molecular weight: 78.13

Section X. Stability and reactivity

Stability: Hygroscopic.
Materials to avoid: No dangerous reaction known under conditions of normal use.
Hazardous decomposition: Carbon monoxide, carbon dioxide, sulfur oxides, sulfides, formaldehyde.
Products polymerization: Hazardous polymerization does not occur.

Section XI. Toxicological information

Acute toxicity: LD50 oral = 283000 mg/kg (Rat), LD50 dermal = 40000 mg/kg (Rat), LD50 inhalation > 5.33 mg/L (Rat) 4 h.

Section XII. Ecological information

Ecotoxicity effects: No information available.
Mobility: No information available.
Biodegradation: Inherently biodegradable.
Bioaccumulation: Does not bioaccumulate.

Section XIII. Disposal consideration

This product should be disposed of in accordance with local waste disposal authority guidelines.

Section XIV. Transportation information

Non-hazardous for air and ground transportation.

Section XV. Regulatory information

Indication of Danger: No data.
Risk Statement: No data.
Safety Statement: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice. Wear suitable gloves and eye/face protection.

Section XVI. Other information

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