

Elite Pre-stained Protein Ladder Safety Data Sheet

1. Identification of the substance/preparation and of the company/undertaking identification of the product

Product name: Elite Pre-stained Protein Ladder
Supplier: Protein Ark, UK

2. Product Identifier:

CAS No: 56-81-5
EC No: 200-289-5

3. Hazards identification

No hazardous product as specified in Directive 67/548/EEC.

4. First aid measures

After inhalation: fresh air
After skin contact: wash off with plenty of water. Remove contaminated clothing.
After eye contact: rinse out with plenty of water with the eyelid held wide open.
After swallowing: make victim drink plenty of water, induce vomiting, summon doctor.

5. Fire-fighting measures

Suitable extinguishing media: CO₂, powder, foam, spray water.

Special risks: Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.
The following may develop in event of fire: sulfur oxides, nitrogen oxides.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus.

Other information: Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Person-related precautionary measures:

Avoid generation of dusts; do not inhale dusts.

Environmental-protection measures:

Do not allow to enter sewerage system.

Procedures for cleaning / absorption:

Take up dry. Forward for disposal. Clean up affected area.

7. Handling and storage

Handling: No further requirements.

Storage: No special requirements.

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: Use recommended

Protective clothing should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene: Change contaminated clothing. Wash hands after working with substance.

9. Physical and chemical properties

Form: Liquid

Colour: Dark blue

Odour: odourless

pH-value: Undetermined

Boiling point: Undetermined

Ignition temperature: not available

Flash point: > 100°C (> 212°F)

Explosion limits lower: Undetermined

Explosion limits upper: Undetermined

Relative vapour density: Undetermined

Density: Undetermined

Bulk density: Undetermined

Solubility in water (20 °C): Not miscible or difficult to mix

10. Stability and reactivity

Conditions to be avoided: heating

Substances to be avoided: strong oxidizing agents.

Hazardous decomposition products in the event of fire: See chapter 5.

11. Toxicological information

Acute toxicity: Quantitative data on the toxicity of this product are not available.

Further toxicological information: Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Further data: The product should be handled with the care when dealing with chemicals.

12. Ecological information

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

Further ecologic data: No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal considerations

Product: There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act (KrW-/AbfG) stipulates recycling as a requirement. This means that a distinction must be made between “wastes for recycling” and “wastes for disposal”. Particular aspects-in the main concerning delivery – are also governed by local authorities. Please contact the competent body (authority or waste disposal company) where you will obtain information on recycling or disposal.

Packaging: Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. Transport information

UN-Number	UN-Number
DOT, ADR, ADN, IMDG, IATA	DOT, ADR, ADN, IMDG, IATA
UN proper shipping name	UN proper shipping name
DOT, ADR, ADN, IMDG, IATA	DOT, ADR, ADN, IMDG, IATA
Transport hazard class(es)	Transport hazard class(es)
DOT, ADR, ADN, IMDG, IATA	DOT, ADR, ADN, IMDG, IATA
Class	Class

15. Regulatory information

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

Sara Section 355 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

SCA (Toxic Substances Control Act):

56-81-5 glycerol

151-21-3 sodium dodecyl sulphate

7732-18-5 water

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

Product related hazard information: Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

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

16. Other information

For any further information please contact Protein Ark Ltd at the following address:

Calibre Scientific UK, Unit 5A, R-Evolution, The Advanced Manufacturing Park, Selden Way, Rotherham, S60 5XA, UK.

Telephone: +44 (0) 114 224 2257

Email: info@proteinark.com

Reason for alteration: update supplier and contact information

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The information contained herein is based on our current knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.