

SAFETY DATA SHEET

L-PHENYLALANINE

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Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: L-PHENYLALANINE

CAS number: 63-91-2

EINECS number: 200-568-1

Product code: P-10597

Use of substance / preparation: As a general purpose laboratory reagent

Company name: Park Scientific Ltd

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Moulton Place

Northampton

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2. HAZARDS IDENTIFICATION

Main hazards: Not classified as dangerous according to EC Directives.

Other hazards: Not classified as dangerous according to EC directives

3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Organic solid

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: May be harmful if swallowed.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water spray.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Carefully sweep up. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance. Avoid contact with skin and eyes. Do not inhale substance. Wash hands and face thoroughly after working with material. Contaminated clothing should be removed and washed before re-use.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Avoid contact with water or humidity.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace exposure limits**

WEL (8 hr TWA): None assigned

Engineering measures: Ensure there is sufficient ventilation of the area. Use only in a chemical fume hood.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Powder

Colour: White

Odour: No data

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not available

Viscosity: Non-viscous

Boiling point/range°C: Not determined

Melting point/range°C: 270-275°C

Flash point°C: Not applicable

Autoflammability°C: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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Conditions to avoid: Direct sunlight. Moist air.**Materials to avoid:** Oxidising agents. The possibility of reaction with other substances cannot be excluded**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Nitrous vitrol gases.**11. TOXICOLOGICAL INFORMATION****Chronic toxicity:** Further hazardous properties cannot be excluded. The product should be handled with care usual when dealing with chemicals**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Non-volatile.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Other adverse effects:** Adverse ecological effects cannot be excluded in the event of improper handling or disposal Do not allow to enter drinking water supplies, waste water, or soil!**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.**Disposal of packaging:** Arrange for collection by specialised disposal company.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** No significant hazard.**Risk phrases:** Not classified as dangerous according to EC Directives.**Safety phrases:** Restricted to professional users.**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

