

SAFETY DATA SHEET

L-Aspartic Acid

PRODUCT # L-ASPART-4843

SECTION I – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY /UNDERTAKING

Identification of the substance or mixture

Product name: L-Aspartic Acid

Identified uses: It has a wide range of uses in the pharmaceutical, food and chemical industry

Distributor Name: Bella Corp Trading Pty Ltd
Address: 6/34 Dominions Road, Ashmore QLD 4214, Australia
Telephone: 07 5597 4169
Email: bellacorp@bellacorp.com.au

SECTION II – HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture:

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION IV – FIRST AID MEASURES

Eye contact: immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin contact: immediately wash skin with soap and copious amounts of water.

Inhalation: remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: wash out mouth with water provided person is conscious. Call a physician.

Notes to physician:

SECTION V – FIRE FIGHTING MEASURES

Extinguishing media

Suitable: water spray; carbon dioxide; dry chemical powder or appropriate foam.

Not suitable:

Special exposure hazards:

Hazardous decomposition products:

Special protective equipment for fire-fighters: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Importers and Distributors of Compounding Products

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions: chemical safety goggles, use protective clothing, gloves and mask

Environmental precautions: sweep up, place in a bag and hold for waste disposal, avoid raising dust.

Methods for cleaning up

Small spill:

Large spill:

SECTION VII – HANDLING AND STORAGE

Handling: avoid contact with eyes, skin and clothing. Wash thoroughly after handling

Storage: store in a cool dry place, sealed

Packaging materials

Recommended: bag

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Recommended monitoring procedures:

Hygiene measures: wash thoroughly after handling

Respiratory: niosh/msha-approved respirator

Hands: compatible chemical-resistant gloves

Eyes: safety shower and eye bath

Skin: mechanical exhaust required

Environmental exposure controls: keep tightly closed

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

General information Appearance

Physical state: crystalline powder

Colour: white

Important health, safety and environmental information

pH: 2.8 CONDITIONS @ 4.5g/l @ 20C

Melting point: 270 – 271 C

Relative density:

Solubility: 4.5 g/l @ 20°C (water)

SECTION X – STABILITY AND REACTIVITY

Chemical stability: decomposition temperature: $\geq 160^{\circ}\text{C}$

Possibility of hazardous reactions: contact with strong acid solution, contact with strong bases, contact with strong oxidizing agents, hazardous polymerization does not occur

Conditions to avoid: elevated temperatures

Materials to avoid: contact with nitric acid

Hazardous decomposition products: AMMONIA (NH₃)

SECTION XI – TOXICOLOGICAL INFORMATION

Toxicokinetics

Absorption: skin absorption

Distribution:

Metabolism:

Elimination:

Potential acute health effects

Inhalation:

Ingestion:

Skin contact: skin irritation

Eye contact: eye irritation

Potential chronic health effects

Chronic effects:

Carcinogenicity:

Mutagenicity:

Teratogenicity:

Developmental effects:

Fertility effects:

Over-exposure signs/symptoms

Inhalation:

Ingestion:

Skin:

Eye:

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity:

Other adverse effects:

PBT:

vPvB:

SECTION XIII – DISPOSAL CONSIDERATIONS

Methods of disposal: dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, State and local environmental regulations.

Hazardous waste:

SECTION XIV – TRANSPORT INFORMATION

International transport regulations

ADR/ADNR/IMDG/IATA: the data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

Other: not regulated for transport

SECTION XV – REGULATORY INFORMATION

EU regulations

Classification and labelling according to Regulation (EC) 1907/2006 (REACH)

Classification and labelling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases:

Product use:

Europe inventory:

Black List Chemicals:

Priority List Chemicals:

Integrated pollution prevention and control list (IPPC) – Air: Integrated pollution prevention and control list (IPPC) – Water:

International regulations

Chemical Weapons Convention:

List Schedule I Chemicals

Chemical Weapons Convention:

List Schedule II Chemicals

Chemical Weapons Convention:

List Schedule III Chemicals

SECTION XVI – OTHER INFORMATION

History:

Creation Date: 02/19/1996

Date of issue: 01/09/2014

Version: #04

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.