

# Safety (MSDS) data for l-3,4-dihydroxyphenylalanine

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## General

Synonyms: 3,4-dihydroxyphenylalanine, 3-hydroxy-l-tyrosine, numerous trade names

Molecular formula: C<sub>9</sub>H<sub>11</sub>NO<sub>4</sub>

CAS No: 59-92-7

EINECS No: 200-445-2

## Physical data

Appearance: white powder

Melting point: ca. 295 C (decomposes)

Boiling point:

Vapour density:

Vapour pressure:

Density (g cm<sup>-3</sup>):

Flash point:

Explosion limits:

Autoignition temperature:

## Stability

Stable. Incompatible with strong oxidizing agents. Light and air sensitive.

## Toxicology

Harmful if swallowed. May be harmful by skin contact or inhalation.

May cause irritation.

### **Toxicity data**

(The meaning of any toxicological abbreviations which appear in this section is given [here.](#))

ORL-RAT LD50 1780 mg kg<sup>-1</sup>

IPR-RAT LD50 624 mg<sup>-1</sup>

IVN-RAT LD50 > 100 mg<sup>-1</sup>

IVN-MUS LD50 450 mg<sup>-1</sup>

### **Risk phrases**

(The meaning of any risk phrases which appear in this section is given [here.](#))

R22 R36 R37 R38.

## **Transport information**

Non-hazardous for air, sea and road freight.

## **Personal protection**

Safety glasses.

### **Safety phrases**

(The meaning of any safety phrases which appear in this section is given [here.](#))

S26 S36.

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