

# Safety (MSDS) data for borax decahydrate



## General

Synonyms: antipyonin, borax, boricin, disodium tetraborate decahydrate, three elephant, tronabor, sodium pyroborate decahydrate, sodium tetraborate decahydrate

Molecular formula:  $B_4Na_2O_7$

CAS No: 1303-96-4

EINECS No:

## Physical data

Appearance: white crystals

Melting point:

Boiling point:

Vapour density:

Vapour pressure:

Density ( $g\ cm^{-3}$ ): 1.73

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility:

## Stability

Stable. Reacts violently with potassium, acid anhydrides.

## Toxicology

Possible risk that this may cause reproductive disorders, based on tests with laboratory animals. Eye and skin irritant. Harmful by ingestion. May be harmful by inhalation.

### Toxicity data

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

ORL-INF LDLO 1000 mg kg<sup>-1</sup>

ORL-MAN LDLO 709 mg kg<sup>-1</sup>

ORL-RAT LD50 2660 mg kg<sup>-1</sup>

IPR-MUS LD50 2711 mg kg<sup>-1</sup>

### Risk phrases

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

R36 R37 R38 R62 R63.

## Transport information

Non-hazardous for air, sea and road freight.

## Personal protection

Safety glasses, adequate ventilation.

### Safety phrases

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

S22 S26 S36 S37 S39 S45.

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