

SECTION 1: Identification of the substance and of the company**1.1 Product identifier**

Identification of the substance	1,4-Butanediol
EC number	203-786-5
CAS number	110-63-4

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:	Laboratory chemical reagent Laboratory and analytical use
Uses advised against:	Do not use for products which come into direct contact with the skin. Do not use for products which come into contact with foodstuffs. Do not use for household purposes.

1.3 Details of the supplier of the safety data sheet

Halosint
Via F. Molena
31015 Conegliano
Italy
email: halosint@gmail.com
website: www.halosint.com

SECTION 2: Hazards identification**2.1 Classification acc. to GHS**

Section	Hazard class	Category	Hazard class and category	Hazard statement
3.8D	Specific target organ toxicity - single exposure (narcotic effects, drowsiness)	3	STOT SE 3	H336
3.10	Acute oral toxicity	4	Acute Tox. 4	H302

2.2 Label elements

Signal word

Danger

Pictograms

GHS07



Hazard statements

H302

Harmful if swallowed

H336

May cause drowsiness or dizziness

Precautionary statements - prevention

P261

.Avoid breathing dust/fume/gas/mist/vapours/spray

P264

Wash thoroughly after handling

P270

Do not eat, drink or smoke when using this product

Precautionary statements - response

P304 + P340 + P312

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P317

IF SWALLOWED: Get medical help if feeling unwell

For professional users only

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance

1,4-Butanediol

Molecular formula

C₄H₁₀O₂

Molar mass

90.12 g /mol

CAS No

110-63-4

EC No

203-786-5

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Take off immediately all contaminated clothing. Self-protection of the first aider.

Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

Rinse skin with water/shower.

Following eye contact

Rinse cautiously with water for several minutes. In all cases of doubt, or when symptoms persist, seek medical advice

Following ingestion

Rinse mouth with water (only if the person is conscious). Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Vomiting, Dizziness, Drowsiness, Narcosis

SECTION 5: Firefighting measures**5.1 Extinguishing media**

water spray, dry extinguishing powder, BC-powder, carbon dioxide (CO₂)

5.2 Special hazards arising from the substance or mixture

Combustible. Vapours are heavier than air, spread along floors and form explosive mixtures with air

SECTION 6: Handling and storage**6.1 Precautions for safe handling**

Work under hood. Do not inhale substance/mixture.

6.2 Conditions for safe storage, including any incompatibilities

Tightly closed. Dry.

6.3 Individual protection measures (personal protective equipment)

Eye/face protection	Use safety goggle with side protection. Wear face protection.
Hand protection	Nitrile rubber
Environmental exposure controls	Keep away from drains