

## Chemical Safety Data Sheet MSDS / SDS

## Bromine

Revision Date:2026-05-09 Revision Number:1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

## Product identifier

Product name : Bromine  
CBnumber : CB7714553  
CAS : 7726-95-6  
EINECS Number : 231-778-1  
Synonyms : Br2,bromine

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

Relevant identified uses : For R&D use only. Not for medicinal, household or other use.  
Uses advised against : none

## Company Identification

Company : Chemicalbook  
Address : Building 1, Huihuang International, Shangdi 10th Street, Haidian District, Beijing  
Telephone : 010-86108875

## SECTION 2: Hazards identification

## GHS Label elements, including precautionary statements

Symbol(GHS)



Signal word

Danger

## Precautionary statements

P201 Obtain special instructions before use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuerinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P284 Wear respiratory protection.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P320 Specific treatment is urgent (see ... on this label).

P405 Store locked up.

#### Hazard statements

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

H331 Toxic if inhaled

H340 May cause genetic defects

H351 Suspected of causing cancer

H400 Very toxic to aquatic life

H330 Fatal if inhaled

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## SECTION 3: Composition/information on ingredients

### Substance

Product name	: Bromine
Synonyms	: Br <sub>2</sub> , bromine
CAS	: 7726-95-6
EC number	: 231-778-1
MF	: Br <sub>2</sub>
MW	: 159.81

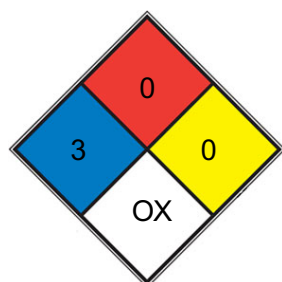
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## SECTION 4: First aid measures

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## SECTION 5: Firefighting measures

### NFPA 704



**HEALTH 3** Short exposure could cause serious temporary or moderate residual injury (e.g. [liquid hydrogen](#), [sulfuric acid](#), [calcium hypochlorite](#), hexafluorosilicic acid)

**FIRE 0** Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand. Materials that will not burn in air when exposed to a temperature of 820 °C (1,500 °F) for a period of 5 minutes.(e.g. Carbon tetrachloride)

**REACT 0** Normally stable, even under fire exposure conditions, and is not reactive with water (e.g. helium,[N<sub>2</sub>](#))

SPEC.  
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## SECTION 6: Accidental release measures

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## SECTION 7: Handling and storage

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## SECTION 8: Exposure controls/personal protection

### **control parameter**

#### **Hazard composition and occupational exposure limits**

Does not contain substances with occupational exposure limits.

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## SECTION 9: Physical and chemical properties

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## SECTION 10: Stability and reactivity

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## SECTION 11: Toxicological information

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## SECTION 12: Ecological information

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## SECTION 13: Disposal considerations

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## SECTION 14: Transport information

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## SECTION 15: Regulatory information

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## SECTION 16: Other information

#### **Disclaimer:**

The information in this MSDS is only applicable to the specified product, unless otherwise specified, it is not applicable to the mixture of

this product and other substances. This MSDS only provides information on the safety of the product for those who have received the appropriate professional training for the user of the product. Users of this MSDS must make independent judgments on the applicability of this SDS. The authors of this MSDS will not be held responsible for any harm caused by the use of this MSDS.