

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Sodium bromide

Manufacturer/supplier identification

Company: Guangdong Guanghua Sci-Tech Co.,Ltd

Address: No.295 Daxue Road,Shantou

PostCode:515000

E-mail: export@jinhuada.com

Emergency telephone No.: +86-754-82515813.

Fax No.: +86-754-88221999

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 5)

Acute toxicity, Dermal (Category 5)

Eye irritation (Category 2B)

Label elements

Pictogram none

Signal word Warning

Hazard statement(s)

H303 May be harmful if swallowed.

H313 May be harmful in contact with skin.

H320 Causes eye irritation.

Precautionary statement(s)

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Supplemental Hazard Statements

none

3. Composition/information on ingredients

Synonyms

Sodium bromide

CAS-No.: 7647-15-6

M: 102.89 g/mol

Molecular formula: NaBr

4. First aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If necessary, use resuscitator (Ambu-Bag) with oxygen. Do not use mouth-to-mouth resuscitation. If swallowed, give water to drink. Do not induce vomiting. If eye irritation persists, get medical attention. If on skin, wash with plenty of water. If on clothing, remove clothing and wash skin with plenty of water. If inhaled, move person into fresh air. If not breathing, give artificial respiration. If necessary, use resuscitator (Ambu-Bag) with oxygen. Do not use mouth-to-mouth resuscitation. If swallowed, give water to drink. Do not induce vomiting. If eye irritation persists, get medical attention. If on skin, wash with plenty of water. If on clothing, remove clothing and wash skin with plenty of water.

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Fire-fighting measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

9. Physical and chemical properties

Form: crystalline powder
Colour: white
Odour: not available
pH value: 5.4 at 50 g/l at 20 °C
Melting point: 755 °C
Boiling point: 1393 °C
Ignition temperature: not available
Flash point: not available
Autoignition temperature: not available
Explosion limits
 lower: not available
 upper: not available
Density : 3.20 g/cm³
Bulk density: not available
Solubility in
 water (20 °C) : not available
 diluted acids (20 °C) : not available
Thermal decomposition: not available

10. Stability and reactivity

Chemical stability

no data available

Conditions to avoid

Avoid moisture. Heat

Materials to avoid

Strong acids, Strong oxidizing agents, Alkali metals, Halogens

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Hydrogen bromide gas, Sodium oxides
Other decomposition products - no data available

11. Toxicological information

Acute toxicity

LD50 Oral - Rat - 3,500 mg/kg

LD50 Dermal - Rabbit - > 2,000 mg/kg

Skin corrosion/irritation

Skin - rabbit - No skin irritation

Serious eye damage/eye irritation

Eyes - rabbit - Mild eye irritation

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable,

possible or confirmed human carcinogen by IARC.

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

12. Ecological information**Toxicity**

Toxicity to fish

mortality NOEC - *Oryzias latipes* - 7,800 mg/l - 96 h

LC50 - *Poecilia reticulata* (guppy) - 160,000 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

EC50 - *Daphnia magna* (Water flea) - 5,800 mg/l - 48 h

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. Disposal considerations**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. Transport information**ADR/RID**

UN-Number: - Class: - Packing group: -

Proper shipping name: Not dangerous goods

IMDG

UN-Number: - Class: - Packing group: -

Proper shipping name: Not dangerous goods

Marine pollutant: no

IATA

UN-Number: - Class: - Packing group: -

Proper shipping name: Not dangerous goods

15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. Other information



Material Safety Data Sheet

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.