

Material Safety Data Sheet

1. Identification of the substance

Product Name: 4-bromo-2-chlorophenol
CAS Number: 3964-56-5
Catalog number: A824669
Supplier: Amadis Chemical Co., Ltd.
Swatts Cosine.No.166.Xiangmao Road.310015.
Hangzhou,Zhejiang,P.R.China
Tel:0086-571-89925085 Fax:0086-571-89925065

2. Composition/information on ingredients.

Ingredient name: 4-bromo-2-chloro-phenol
Molecular formula: C₆H₄BrClO
Molecular weight: 207.45236

3. Hazards identification

3.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin corrosion/irritation(Category 2) H315

Serious eye damage/eye irritation(Category 2A) H319

STOT- single exposure(Category 3) H335

Hazardous to the aquatic environment, long-term hazard(Category 1) H410

No Resource File

3.2 GHS Label elements, including precautionary statements

Pictogram



Signal word Warning

Hazard statement(s)

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H410 Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

	Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local regulation

3.3 Associated risk phrases according to european directive 67/548/EEC

Hazard symbol(s)



R-phrases(s)

R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S1	Keep locked up.
S23	Do not breathe gas/fumes/vapour/spray.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27	Take off immediately all contaminated clothing.
S28	After contact with skin, wash immediately with plenty of water.
S28B	After contact with skin, wash immediately with plenty of water and soap.
S44	If you feel unwell, seek medical advice (show the label where possible).
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special instructions/Safety data sheets.
S7/9	Keep container tightly closed and in a well-ventilated place

4. First aid measures

Skin contact:	Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
Eye contact:	Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.

- Inhalation: Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
- Ingestion: Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

5. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use drypowder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

6. Accidental release measures

- Personal precautions: Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
- Respiratory precaution: Wear approved mask/respirator
- Hand precaution: Wear suitable gloves/gauntlets
- Skin protection: Wear suitable protective clothing
- Eye protection: Wear suitable eye protection
- Methods for cleaning up: Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
- Environmental precautions: Do not allow material to enter drains or water courses.

7. Handling and storage

- Handling: This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.
- Storage: Store in cool, well ventilated area. Keep container tightly closed.

8. Exposure Controls / PPE

- Engineering Controls: Use only in a chemical fume hood.
- Personal protective equipment: Wear chemical-resistant gloves, safety goggles.
- General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and chemical properties

- Appearance : Colorless crystal
- Odor: No data.
- Boiling point: 232-235°C
- Melting point: 47-49°C
- Flash point: 113°C.
- Density: No data

10. Stability and reactivity

- Reactivity: no data
- Chemical stability: no data
- Possibility of hazardous reactions: no data
- Conditions to avoid: no data
- Incompatible materials: Strong oxidizing agents
- Hazardous decomposition products: Other decomposition products - no data available

11. Toxicological information

- Acute Toxicity: No date
- Skin corrosion/irritation: Irritant for skin and mucous membranes
- Serious eye Damage/irritation: Irritant effect

Respiratory or skin sensitization:	No date
Germ Cell mutagenicity:	No date
Carcinogenicity:	No date
Reproductive toxicity:	No date
STOT-single exposure:	No date
STOT-repeated exposure:	No date
Aspiration hazard:	No date

12. Ecological information

Toxicity:	No data
Persistence and degradability:	No data
Bio accumulative potential:	No data
Mobility in soil:	No data
Results of PBT and vPvB assessment:	No data
Other adverse effects:	No data

13. Disposal consideration

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

14. Transportation information

DOT (US)

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance,solid,organic,n.o.s.

Environmental hazards:Pollutant

IMDG

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance,solid,organic,n.o.s.

Environmental hazards:Pollutant

IATA

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance,solid,organic,n.o.s.

Environmental hazards:Pollutant

15. Regulatory information

Safety, health and environmental and national regulations:

Product is not subject to any additional regulations or provisions

Safety Assessment

No Chemical Safety Assessment

16. Other information

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.