# Material Safety Data Sheet

Print Date: **April 23, 2020**

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **2-bromo-1,3-dichloro-5-iodobenzene**

Catalog Number: **133254**

CAS Number: **1000574-29-7**

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

**Relevant identified uses**

Laboratory chemicals, Manufacture of substances.

Supplier: ChemShuttle
3916 Trust Way, Hayward, CA 94545
sales@chemshuttle.com
T: +1 510.999.8905 F: +1 510.999.8902

## 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient name: **2-bromo-1,3-dichloro-5-iodobenzene**

CAS number: **1000574-29-7**

Molecular Formula: **C6H2BrCl2I**

Molecular Weight: **351.796**

## 3. HAZARDS IDENTIFICATION

**GHS Classification**

Acute toxicity, Oral(Category 4)

Skin corrosion/irritation(Category 2)

Serious eye damage/eye irritation(Category 2A)

Specific target organ toxicity-single exposure(Category 3), Respiratory System

**GHS label elements, including precautionary statements**

**Pictogram:**

**Signal word:** Warning

**Hazard Statement(s):**

| | |
|---|---|
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |

**Precautionary Statement(s):**

| | |
|---|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| 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. Continue rinsing.

## 4. FIRST AID MEASURES

**In case of eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If inhaled:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:**

Wash off with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

**If swallowed:**

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

## 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:**

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

**Special protective equipment for firefighters:**

Wear self-contained breathing apparatus for firefighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:**

Do not let product enter drains.

**Methods and materials for containment and cleaning up.**

Absorb spills on sand or vermiculite and place in closed container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handing:**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling.

**Conditions for safe storage:**

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

**Recommended storage temperature:**

Room temperature.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

**Engineering controls:**

Use only in a chemical fume hood.

**Personal protective equipment:**

Wear chemical-resistant gloves, safety goggles.

**General hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Appearance:** | **White solid** | **Odor:** | Not Available |
| **Boiling Point:** | Not Available | **Melting Point:** | Not Available |
| **Flash Point:** | Not Available | **Density:** | Not Available |

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions.

**Materials to avoid:** No data available.

**Conditions to avoid:** Strong oxidizer; strong acid.

**Possible hazardous combustion products:** Carbon oxides; hydrogen chloride; nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

**No Data.**

## 12. ECOLOGICAL INFORMATION

**No Data.**

## 13. DISPOSAL CONSIDERAIONS

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

Non-hazardous for air and ground transportation. Or not available.

## 15. REGULATORY INFORMATION

**Indication of danger:** No data.

**Risk statement:** No data.

**Safety statement:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

## 16. OTHER INFORMATION

*The above information is believed to be correct at the date of its publication but does not supposed to be all-inclusive and shall be used only as a guide. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.*

***ChemShuttle** should not be held liable for any damage resulting from handling or from contact with the above product.*