

C188-9 (TTI-101) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** C188-9 (TTI-101)
- **Catalog Number:** S8605
- **CAS Number:** 432001-19-9
- **IUPAC Name:** Benzenesulfonamide, N-(1',2'-dihydroxy[1,2'-binaphthalen]-4'-yl)-4-methoxy-

Relevant identified uses and uses advised against

- **Identified uses:** For research and development use only; laboratory chemicals; manufacture of substances.
- **Uses advised against:** Not for pharmaceutical, household, or other unapproved uses.

Details of the supplier

- **Company :** Selleck Chemicals
- **TollFree :** +1 877 796-6397
- **Tel :** +1 832 582-8158
- **Fax :** +1 832 582-8590

Emergency telephone number

- **Emergency phone #:** +1 832 582-8158

2. HAZARDS IDENTIFICATION

The product is not classified as a hazardous substance or mixture according to the GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). No other hazards are known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is a substance. It contains no hazardous ingredients.

4. FIRST AID MEASURES

- **If inhaled:** Move the person to fresh air.
- **In case of skin contact:** Immediately remove all contaminated clothing and rinse the skin with water or shower.
- **In case of eye contact:** Rinse the eyes with plenty of water and remove contact lenses.
- **If swallowed:** Have the victim drink a maximum of two glasses of water. Consult a physician if the person feels unwell.

- **Most important symptoms and effects:** The most important known symptoms and effects are described in Section 2.2 and/or Section 11.
- **Protection of first-aiders:** Refer to Section 8 for personal protection.

5. FIRE-FIGHTING MEASURES

- **Suitable extinguishing media:** Use water, foam, carbon dioxide (CO₂), or dry powder.
- **Unsuitable extinguishing media:** No limitations of extinguishing agents are specified for this substance.
- **Specific hazards:** The substance is combustible. Hazardous combustion gases or vapors may develop in the event of a fire.
- **Hazardous combustion products:** The nature of decomposition products is not known.
- **Special protective equipment for firefighters:** Wear a self-contained breathing apparatus in the event of a fire.
- **Further information:** Prevent fire extinguishing water from contaminating surface water or groundwater systems.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions and emergency procedures:** For non-emergency personnel, avoid inhalation of powder. Evacuate the danger area, observe emergency procedures, and consult an expert. For emergency responders, see Section 8 for personal protection.
- **Environmental precautions:** Do not allow the product to enter drains.
- **Methods for containment and cleaning up:** Cover drains. Collect, bind, and pump off spills. Observe material restrictions (see Sections 7 and 10). Take up dry and dispose of properly. Clean the affected area and avoid the generation of powder.

7. HANDLING AND STORAGE

- **Precautions for safe handling:** Refer to Section 2.2 for precautions.
- **Conditions for safe storage:** Keep the container tightly closed and in a dry place.
- **Storage class:** 11, Combustible powder.
- **Storage temperature:** Refer to the product label for the recommended storage temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Control parameters:** Contains no substances with occupational exposure limit values.
- **Engineering measures:** N/A
- **Personal protective equipment:**
 - **Respiratory protection:** Required when powder is generated. A P1 filter type is recommended according to DIN EN 143 or DIN 14387.
 - **Hand protection:** Use nitrile rubber gloves (0.11 mm thickness) with a breakthrough time of 480 minutes (e.g., KCL 741 Dermatril-L).
 - **Eye protection:** Use safety glasses tested and approved under standards such as NIOSH (US) or EN 166 (EU).
 - **Hygiene measures:** Change contaminated clothing and wash hands after working with the substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** powder
- **Color:** off-white to beige
- **Odor:** N/A
- **pH:** N/A
- **Melting point:** N/A
- **Boiling point:** N/A
- **Flash point:** Not applicable
- **Flammability (powder, gas):** N/A
- **Vapor pressure:** N/A
- **Relative density:** N/A
- **Water solubility:** N/A
- **Partition coefficient (n-octanol/water):** log Pow: ca. 4.5 (calculated); potential for bioaccumulation.
- **Oxidizing properties:** None
- **Molecular weight:** 471.52 g/mol

10. STABILITY AND REACTIVITY

- **Reactivity:** Flammable organic substances in fine distribution may present a powder explosion potential when whirled up.
- **Chemical stability:** The product is chemically stable under standard ambient room temperature conditions.
- **Possibility of hazardous reactions:** N/A.
- **Conditions to avoid:** No information available.
- **Incompatible materials:** N/A.
- **Hazardous decomposition products:** Refer to Section 5 in the event of a fire.

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:** N/A for oral, inhalation, or dermal exposure.
- **Skin corrosion/irritation:** N/A.
- **Serious eye damage/eye irritation:** N/A.
- **Respiratory or skin sensitization:** N/A.
- **Germ cell mutagenicity:** N/A.
- **Carcinogenicity:** No components of this product present at levels greater than or equal to 0.1% are identified as probable, possible, or confirmed human carcinogens by IARC, NTP, or OSHA.
- **Reproductive toxicity:** N/A.
- **Specific target organ toxicity (single and repeated exposure):** N/A.
- **Aspiration hazard:** N/A.

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in their original containers and do not mix with other waste. Handle uncleaned containers in the same manner as the product itself.

14. TRANSPORT INFORMATION

- **IATA-DGR:** Not regulated as a dangerous good.
- **IMDG-Code:** Not regulated as a dangerous good.
- **49 CFR Road:** Not regulated as a dangerous good.
- **Poison Inhalation Hazard:** No.
- **Special precautions:** Not classified as dangerous under transport regulations.

15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

The ingredients of this product are reported in the following inventories:

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Revision Date: 2026/07/16

Further Information: The information provided is believed to be correct but is not exhaustive and should be used only as a guideline based on current knowledge. It does not represent a guarantee of the properties of the product. Selleck Chemicals Corporation and its Affiliates shall not be held liable for any damage resulting from handling or contact with the product.