

Safety Data Sheet

Release 1.0
Revision 10/24/2011
Date of issue 08/30/2018

page 1 of 4

1 Identification of the substance

Identification of the substance

Identification of the substance 5-Bromo-3-indoxyl-1,3-diacetate

Additional identification

Biosynth catalog no. B-8860

REACH No. A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

Use of the substance/preparation

Identified uses chemical building block

Restriction on use not for food or drug use, for laboratory use only

Company BIOSYNTH AG
Rietlistrasse 4
CH-9422 STAAD

Phone +41 (0)71 858 20 20

Mail welcome@biosynth.ch

Emergency Number

Phone +41 (0)71 858 20 20 office hours

2 Hazards identification

GHS Labeling

Precautionary Statement

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

P262 Do not get in eyes, on skin, or on clothing.

Additional Information

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

3 Composition/information on ingredients

Substance related information

Substance name 5-Bromo-3-indoxyl-1,3-diacetate

Synonymes

Cas No. [33588-54-4]

Formula C₁₂H₁₀BrNO₃

4 First aid measures

First Aid: Eye

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

First Aid: Skin

Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

First Aid: Ingestion

Wash out mouth with water provided person is conscious. Call a physician.

First Aid: Inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

Hints for Physician: Treatment

Treat symptomatically.

5 Firefighting measures

Extinguishing Media**Suitable**

foam, dry extinguishing powder, carbon dioxide (CO₂), water spray jet

Unsuitable

not available

Hazards During Fire-Fighting

toxic fumes

Protective Equipment for Fire-Fighting

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-Fighting/Further Advice

Do not inhale explosion and combustion gases. Fire transmission possible. Use water spray jet to protect personnel and to cool endangered containers.

6 Accidental release measures

Personal Precautions

Avoid generation of dust. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

Environmental Precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

Methods for Cleaning or Taking Up

not available

Further Accidental Release Measures

Avoid generation of dust. Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

7 Handling and storage

Handling**Handling advice**

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

Storage**Storage temperature**

store at room temperature

Storage RequirementsKeep away from incompatible substances. Keep container tightly closed when not in use.

8 Exposure controles/personal protection**Exposure controles****Industrial Hygiene**

Mechanical exhaust required. Safety shower and eye shower.

Personal Protective Equipment**Respiratory Protection**

Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

Hand Protection

Wear compatible chemical-resistant gloves to prevent skin exposure.

Eye Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

Body Protection

Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

Advice on Safe HandlingWash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

9 Physical and chemical properties**Color**

off-white, slightly yellow

Form

crystalline powder

Molar Mass296,13 g/mol

10 Stability and reactivity**Conditions to Avoid**

incompatible materials

Substances to Avoid

strong oxidizers

Decomposition Productsnitrogen oxides (NO_x), carbon dioxide (CO₂), hydrogen bromide (HBr), carbon monoxide

11 Toxicological information**Other Relevant Toxicity Information**We are not aware of any toxicology data.

12 Ecological Information**Biodegradation**

no data available

Bioaccumulation

no data available

Distribution in Environment

no data available

13 Disposal considerations**Advice on Disposal and Packaging***Advice on Disposal*

Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Dispose of waste according to laws applicable.

Advice on Packaging

not available

14 Transport information**Road Transport (ADR/GGVS)***Not restricted***Air Transport (IATA)***Not restricted*

15 Other regulations**Other Regulations**

not available

16 Additional information**GHS Labeling***Precautionary Statement*

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

P262 Do not get in eyes, on skin, or on clothing.