

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

SECTION 1. IDENTIFICATION

Product name : BLAZON® BLUE
Product code : 000000003000004861

Manufacturer or supplier's details

Company name of supplier : Milliken & Company
Address : 920 Milliken Rd
Spartanburg SC 29303
E-mail address : sds@milliken.com
Telephone : +1-864-503-1940 (M-F, 8-5 EST)
Emergency telephone : In case of emergency call CHEMTREC US: 1-800-424-9300,
CHEMTREC WORLD: 1-703-527-3887.

Recommended use of the chemical and restrictions on use

Recommended use : Coloring agent

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Short-term (acute) aquatic hazard : Category 3

GHS label elements

Hazard Statements : H402 Harmful to aquatic life.
Precautionary Statements : **Prevention:**
P273 Avoid release to the environment.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : Mixture

Components

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

Chemical name	CAS-No.	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one	2634-33-5	< 0.1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : This material is a concentrated colorant.
Should not be released into the environment.

Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.
Do not freeze.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.
- Recommended storage temperature : < 122 °F / < 50 °C
- Further information on storage stability : No decomposition if stored and applied as directed.
-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Hygiene measures : General industrial hygiene practice.
-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Color : dark blue
-

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

Odor : mild, sweet

Odor Threshold : No data available

pH : No data available

Melting point/freezing point : 32 °F / 0 °C

Boiling point/boiling range : 216 °F / 102 °C

Flash point : The product is not flammable.

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Flammability (liquids) : Does not sustain combustion.

Self-ignition : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : 1.06 (77 °F / 25 °C)

Density : No data available

Bulk density : 8,865 kg/m³

Solubility(ies)
Water solubility : completely soluble

Partition coefficient: n-octanol/water : No data available

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity : No data available

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reactions : Stable under recommended storage conditions.
No hazards to be specially mentioned.
Conditions to avoid : No data available
Incompatible materials : Not applicable

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity : LD50 Oral (Rat, male): 670 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

1,2-benzisothiazol-3(2H)-one:

Species : Rabbit
Exposure time : 4 h
Assessment : Mild skin irritation
Result : Skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

1,2-benzisothiazol-3(2H)-one:

Result : Irreversible effects on the eye

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

Components:

1,2-benzisothiazol-3(2H)-one:

Assessment : May cause sensitization by skin contact.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

1,2-benzisothiazol-3(2H)-one:

Toxicity to fish : LC50: 2.15 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: 2.9 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50: 110 µg/l
Exposure time: 72 h

NOEC: 40.3 µg/l
Exposure time: 72 h

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

Toxicity to fish (Chronic toxicity) : NOEC: 0.74 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.7 mg/l

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Persistence and degradability

Components:

1,2-benzisothiazol-3(2H)-one:

Biodegradability : Result: Not readily biodegradable.

Bioaccumulative potential

Components:

1,2-benzisothiazol-3(2H)-one:

Partition coefficient: n-octanol/water : log Pow: 0.7 (68 °F / 20 °C)
pH: 9

Mobility in soil

No data available

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82
Protection of Stratospheric Ozone - CAA Section 602 Class I
Substances
Remarks: This product neither contains, nor was
manufactured with a Class I or Class II ODS as defined by the
U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +
B).

Additional ecological information : An environmental hazard cannot be excluded in the event of
unprofessional handling or disposal.
Harmful to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water
courses or the soil.

SAFETY DATA SHEET

BLAZON® BLUE



Version 1.7 Revision Date: 2022/10/18 SDS Number: 000000003000004861 Date of last issue: 2019/11/21
Date of first issue: 2014/02/11

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 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 311/312 Hazards : No SARA Hazards

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.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

SAFETY DATA SHEET

BLAZON® BLUE



Version	Revision Date:	SDS Number:	Date of last issue: 2019/11/21
1.7	2022/10/18	000000003000004861	Date of first issue: 2014/02/11

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

Maine Chemicals of High Concern

This product does not contain any chemicals that are listed as Maine Chemicals of High Concern.

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Additional information is available by request. (regulatory@milliken.com)

SECTION 16. OTHER INFORMATION

Further information

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United

SAFETY DATA SHEET

BLAZON® BLUE



Version	Revision Date:	SDS Number:	Date of last issue: 2019/11/21
1.7	2022/10/18	000000003000004861	Date of first issue: 2014/02/11

Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;
vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 2022/10/18

Please Note: As each customer's use of our product may be different, information we provide, including without limitation, any regulatory information, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

US / EN