

Safety Data Sheet



Bristol-Myers Squibb Company

1. IDENTIFICATION		
<i>Product Information</i>		
Product name	BMT-391129-01	
Version	1.0, 06.04.2018	
Jurisdiction	This Safety Data Sheet was prepared in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) for the United States of America (USA) (CFR 1910.1200), European Union (EU) (EC 1272/2008) and United Nations (UN). The following countries utilize the UN GHS classification process: Mexico, Brazil, China, New Zealand, Canada, Japan, and Korea.	
Chemical Name	Trade Secret	
Synonyms	BMT 391129-01	
Other information	Project Name: 06B66	
Intended Uses	This material is used for Research and Development activities. This material is a chemical intermediate used in drug synthesis.	
<i>Company/Undertaking Identification</i>		
Address	<u>USA</u> Bristol-Myers Squibb Company P.O. Box 191 New Brunswick, New Jersey 08903 United States of America 1-800-332-2056	<u>Ireland</u> Bristol-Myers Squibb Company Cruiserath Road, Mulhuddart - Dublin 15 Cruiserath, Ireland MG-GBS-MSDS-Request@bms.com + 353.1.8854000
Emergency Phone No.	USA (also Canada, Puerto Rico and the Virgin Island): 1-800-424-9300 Other Countries: See "Section 16" for country-specific emergency phone numbers from CHEMTREC.	<u>Ireland</u> : +(353)-19014670

2. HAZARDS IDENTIFICATION	
Classification and Labelling Common to All Jurisdictions	
Classification	Insufficient data for classification Substance not fully tested.
Precautionary Statements	Avoid ingestion, inhalation, skin and eye contact. Wash hands after handling to minimize exposure. Handle as a potentially hazardous material.

3. COMPOSITION/INFORMATION ON INGREDIENTS					
Components	Concentration	CAS No.	EU only		Other Registration No.
			EC No./REACH Registration No.	H-code(s)	
<i>Other ingredients</i> BMT-391129-01	100 %	Trade Secret	--	--	--
See section 16 for H-code text.					

4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Obtain medical attention.
Ingestion	Obtain medical attention. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Notes to Physician	Material not fully tested. Refer to Section 11.
Medical Surveillance	Employees who are pregnant, are breast-feeding, or who are concerned with other reproductive issues should be encouraged to consult with the occupational health physician monitoring worker's health.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not available
Extinguishing Media	Suitable extinguishing media: Dry chemical, Water spray, Foam Unsuitable extinguishing media: Do NOT use water jet.
Protection of Firefighters	Specific hazards: Not available Protective equipment: Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus. Hazardous Combustion Products: carbon oxides (COx), nitrogen oxides (NOx), hydrogen cyanide (hydrocyanic acid) Further Information: May form a potentially explosive air/gas mixture. In the event of fire and/or explosion do not breathe fumes.
Other information	Decontaminate protective clothing and equipment before reuse.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Examples include tightly fitting safety goggles, lab coat and impervious gloves. Wear respiratory protection. Depending on the nature of the spill (quantity and extent of spill) additional protective clothing and equipment such as a self-contained breathing apparatus may be needed.
Environmental precautions	Prevent release to drains and waterways. Prevent release to the environment.
Containment Methods	Wet down any dust to prevent generation of aerosols, if appropriate. Cover with suitable material.
Cleanup Methods	Contain and collect spillage and place in container for disposal according to local regulations (see Section 13). Use a HEPA vacuum or moisten materials to minimize dust generation during pick-up. Clean area with detergent and water after spill pick-up, if appropriate. Handle waste materials, including gloves, protective clothing, contaminated spill cleanup material, etc., as appropriate for chemically and pharmacologically similar materials.

7. HANDLING AND STORAGE

Handling Precautions	Avoid exposure - obtain special instructions before use. Avoid formation of dust and aerosols. Keep away from heat and sources of ignition. Prevent release to drains and waterways.
Container Requirements	Store in sturdy containers appropriate to maintain the integrity of this material for its intended use.
Storage Conditions	Store at room temperature. Protect against light. Keep away from heat, sparks and flames.
Specific use(s)	Refer to Section 1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)	Company Guideline	ACGIH	Germany OEL	UK MEL
BMT-391129-01	10 - < 100 µg/m ³ (ECB 3 - For BMS Internal Use Only)	--	--	--
Recommended Industrial Hygiene Monitoring Methods	A specific exposure sampling method is not available. General - The health hazard risk of handling this material is dependent on many factors, including physical form, % API in material being handled, duration and frequency of process task, and effectiveness of controls. If it is necessary to handle this compound outside of engineering controls, an exposure risk assessment should be conducted and procedures documented by a qualified EHS professional.			
Engineering Controls and Ventilation	Use process enclosures, containment technology, or other engineering controls to keep airborne levels below recommended exposure limit. When handling quantities up to 15 milligrams, a standard laboratory with general laboratory dilution ventilation (e.g. 6-12 air changes per hour) is appropriate. When handling quantities from 15 milligrams to 1 kilogram, work in a standard laboratory using a fume hood, biological safety cabinet(Class II, all types), or approved vented enclosure. Quantities exceeding 1 kilogram should be handled in a designated laboratory. A laminar flow/powder containment booth is recommended for handling >1 kilograms of active substance. For manufacturing and pilot plant operations, use direct coupling and closed transfer systems for all bulk transfers. Use dust tight valves as appropriate. HEPA filtration of local exhaust ventilation (LEV) is required.			
Respiratory protection	Use and selection of respiratory protection is based upon engineering controls in use and potential for aerosol generation. When engineering controls are not sufficient control exposure, wear an approved respirator with NIOSH Class 100 or high efficiency particulate (HEPA) filters or cartridges (EN 140/EN 136) when exposures are up to 10 times the exposure control guideline. Wear a loose-fitting (Tyvek or helmet type) HEPA powered-air purifying respirator (PAPR) (EN 12941) when exposures are 10-25 times the exposure control guideline. Wear a full facepiece negative pressure respirator with Class 100 or HEPA filters (EN 136) when exposures are 25-50 times the exposure control guideline. Wear a tight-fitting, full facepiece HEPA PAPR (EN 12942) when exposures are 50-100 times the exposure control guideline. Wear a hood-shroud HEPA PAPR (EN 12941) or full facepiece supplied air respirator (EN 139) operated in a pressure demand or other positive pressure mode when exposures are 100-1000 times the exposure control guideline.			
Eye protection	Safety glasses with side-shields are recommended (EN 166). Face shields or chemical safety goggles (EN 166) may be required if splash potential exists or if corrosive materials are present. Note: Choice of eye protection may be influenced by the type of respirator which is selected.			
Hand protection	Impervious nitrile, rubber and latex gloves are recommended (EN 420, EN 374). If material is handled in solution, the solvent should also be considered when selecting protective clothing material. Please note that employees who are allergic to natural rubber latex should use nitrile gloves.			

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin and body protection	Wear a laboratory coat (EN 340) when handling quantities up to 1 kilogram. For quantities over 1 kilogram, wear laboratory coat(EN 340)or coverall of low permeability (EN 1149-1). For manufacturing operations, wear coverall of low permeability (EN 465/1149-1). For manufacturing operations, wear coverall of low permeability (EN 1149-1).
Hygiene	Wash hands and face before breaks and immediately after handling the product.
Environmental exposure controls	Prevent release to drains and waterways.

9. PHYSICAL AND CHEMICAL PROPERTIES*General Information**Appearance*

Physical State	solid
Color	beige to white

Odour

Odour	Not available
Odor Threshold	Not available

pH	6 - 8 (estimated)
----	-------------------

Other information

Bulk density	Not available
Chemical Name	Trade Secret
Evaporation rate	Not available
Molecular formula	Trade Secret
Hydrolysis/Photolysis	Not available
Hygroscopicity	Not available
Molecular Weight	250.3 g/mol
Log Octanol/Water Partition Coefficient [log Kow]	Not available
Surface Tension	Not available
pKa	Not available
Particle Size	Not available
Solubility, Water	0.29 g/l
Solubility in other solvents	methanol: > 90 g/l
Specific Gravity/ Relative density	Not available
Viscosity, dynamic	Not available
Viscosity, kinematic	Not available
% Volatile	Not available

Thermal/Stability properties

Autoignition temperature	Not available
Boiling Point	168 °C
Thermal decomposition	Not available
Explosive Limits, LEL	Not available
Explosive limits, UEL	Not available
Explosiveness	Non-explosive based on chemical structure.
Flammability	Not available
Flash point	Not available
Melting Point	168 °C

9. PHYSICAL AND CHEMICAL PROPERTIES

Oxidizing Potential	Non-oxidizer based on chemical structure.
---------------------	---

Vapor Properties

Vapor Density	Not available
Vapor Pressure	Not available
Saturated Vapor Concentration	Not available

10. STABILITY AND REACTIVITY*Stability*

Chemical Stability	Stable under normal conditions.
--------------------	---------------------------------

Conditions to avoid	Not available
---------------------	---------------

Materials to avoid	Not available
--------------------	---------------

Hazardous decomposition products	Hazardous decomposition products formed under fire conditions.: carbon oxides (COx), nitrogen oxides (NOx), hydrogen cyanide (hydrocyanic acid)
----------------------------------	---

Hazardous reactions	None known.
---------------------	-------------

Sensitivity to static discharge/Dust exp.

Summary Statements	Although material has not been specifically tested, fine dust suspended in air in sufficient concentration and in the presence of an ignition source may pose a potential explosion hazard. Provide appropriate bonding and grounding protection to control static charge. Powder handling equipment such as dust collectors, dryers, and mills may require additional protective measures (e.g. explosion venting, inerting, etc.).
--------------------	--

11. TOXICOLOGICAL INFORMATION

Routes of Entry	Ingestion, inhalation, Eye contact, Skin contact
-----------------	--

Eye Irritation	Not available
----------------	---------------

Skin Irritation	Not available
-----------------	---------------

Respiratory Irritation	Not available
------------------------	---------------

Sensitization	Not available
---------------	---------------

Acute Toxicity Study	Not available
----------------------	---------------

Repeated Dose Toxicity	Not available
------------------------	---------------

Genetic Toxicity	Not available
------------------	---------------

Carcinogenicity	Not available
-----------------	---------------

Carcinogenicity	ACGIH	IARC	NTP
BMT-391129-01	--	--	--

Reproductive Toxicity	Not available
-----------------------	---------------

Developmental Toxicity	Not available
------------------------	---------------

Human experience	Not available
------------------	---------------

11. TOXICOLOGICAL INFORMATION

Target Organs	Not available
Symptoms	Not available
Pharmacokinetics/ Toxicokinetics	Not available
Other Toxicity Information	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	Not available
Mobility	Not available
Persistence and degradability	Not available
PBT and vPvB assessment	Not available

13. DISPOSAL CONSIDERATIONS

Advice On Disposal And Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. This information presented only applies to the material as supplied.
Other information	Disposal by incineration is recommended.

14. TRANSPORT INFORMATION

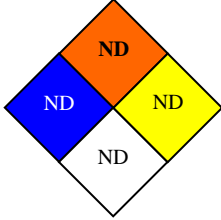
This material is not a dangerous good for the purpose of transportation in all modes.

15. REGULATORY INFORMATION**United States of America**

313 Toxic Release Inventory	No components listed on the SARA 313 inventory.
TSCA Inventory	Not listed. Food, drug and cosmetic products are exempt from TSCA.
Regulatory Authorizations and Restrictions:	Not available

16. OTHER INFORMATION

<i>Text of H-code(s) mentioned in Section 3.</i>	
	Not available
<i>Recommended Restrictions for Use:</i>	
	Not available
<i>SDS preparation information</i>	
Prepared by	Global Environment, Health, Safety, and Sustainability 1-732-227-7380
Prepared on	04.06.2018 DD/MM/YYYY
	This is the first Safety Data Sheet issued for this material.
<i>Other information</i>	

HMIS	Health	Not Determined (ND)
	Flammability	Not Determined (ND)
	Reactivity	Not Determined (ND)
	Personal protective equipment	See Section 8.
NFPA	Health ND Fire ND Reactivity ND Special ND	

Country- Specific Emergency
Phone Numbers

Country	Local # or Toll Free in Country*	Greeting Language	Country	Local # or Toll Free in Country*	Greeting Language
AMERICAS			Latvia (Riga)	+371-66165504	Latvian
Argentina (Buenos Aires)	+54-1159839431	Latin American Spanish	Lithuania (Vilnius)	+370-52140238	Lithuanian
Brazil (Rio De Janeiro)	+55-2139581449	Portuguese	Luxembourg	+352-20202416	French, German, Luxembourgish
Cayman Islands	+1-345-749-8392	English	Netherlands	+31-858880596	Dutch
Chile (Santiago)	+56-225814934	Latin American Spanish	Norway (Oslo)	+47-21930678	Norwegian
Colombia *	01800-710-2151	Latin American Spanish	Poland (Warsaw)	+48-22398029	Polish
Costa Rica *	+506-40003869	Latin American Spanish	Portugal	+351-308801773	Portuguese
Mexico *	01-800-681-9531	Latin American Spanish	Romania	+40-37-6300026	Romanian
Panama	+507-8322475	Latin American Spanish	Russia *	8-800-100-6346	Russian
Peru (Lima)	+51-17071295	Latin American Spanish	Slovakia (Bratislava)	+421-233057972	Slovak
Trinidad and Tobago *	+1-868-224-5716	English	Slovenia (Ljubljana)	+386-18888016	Slovene/Slovenian
EUROPE			Spain (Barcelona)	+34-931768545	European Spanish
			Spain *	900-868538	European Spanish
Austria (Vienna)	+43-13649237	German	Sweden (Stockholm)	+46-852503403	Swedish
Belgium (Brussels)	+32-28083237	French, Flemish, German	Switzerland (Zurich)	+41-435082011	Swiss German, French and Italian
Bulgaria (Plovdiv)	+359-32570104	Bulgarian	Turkey (Istanbul)	+90-212-7055340	Turkish
Croatia (Zagreb)	+385-17776920	Croatian	Ukraine	+380-947101374	Ukrainian
Czech Republic (Prague)	+420-228880039	Czech	UK (London)	+44-870-8200418	English
Finland (Helsinki)	+358-942419014	Finnish	EAST ASIA		
France	+33-975181407	French	China	86-21-33235036	Mandarin
Germany *	0800-181-7059	German	Hong Kong *	800-968-793	Cantonese
Denmark	+45-69918573	Danish	Japan	+81-345209637	Japanese
Estonia	+372-6681294	Estonian	Singapore	+65-31581349	English and Mandarin
Germany (Frankfurt)	+49-69643508409	German	South Korea	+82 070-7686-0086	Korean
Greece (Athens)	+30-2111768478	Greek	AUSTRALIA & OCEANIA		
Hungary (Budapest)	+36-18088425	Hungarian	Australia (Sydney)	+61-290372994	English
Italy *	800-789-767	Italian	New Zealand *	+64-98010034	English
Italy (Milan)	+39-245557031	Italian	India *	000-800-100-7141	Hindi
*Phone numbers for countries marked with an asterisk must be dialed within the country.					

The information contained in this SDS is believed to be accurate and represents the best information reasonably available at the time of preparation. However, we make no warranty, express or implied, with respect to such information. and we assume no liability from its use.