

			ording to Regulation (EC) No. 190					
		Section 1. I	dentification of the Substar	nce/Mixture and of	the Company/U	ndertaking		
.1	Product		22049					
			BMS 986020					
	Synonyms: 1-[4'-[3-methyl-4-[[[(1R)-1-phenylethoxy]carbonyl]amino]-5-isoxazolyl][1,1'-bipher opanecarboxylic acid;							
1.2	Relevar	Relevant identified uses of the substance or mixture and uses advised against:						
	Relevant identified uses: For research use only, not for human or veterinary use.							
1.3	Details of the Supplier of the Safety Data Sheet:							
	Company Name:		Cayman Chemical Comp 1180 E. Ellsworth Rd. Ann Arbor, MI 48108	bany				
	Web s	ite address:	www.caymanchem.com					
	Inform	nation:	Cayman Chemical Comp	bany	+1 (734	4)971-3335		
1.4	Emerge	ncy telephone num	ıber:					
	Emerg	gency Contact:	CHEMTREC Within USA			0)424-9300		
			CHEMTREC Outside US	SA and Canada:	+1 (70	3)527-3887		
			Section 2. Hat	zards Identifi	cation			
2.1	Classifi	cation of the Subst	ance or Mixture:					
2.2	Label E	lements:						
	Based	Hazard Phrases: I on evaluation of cu Precaution Phrases	rrently available data this sub	stance or mixture is	not classifiable ac	cording to GHS.		
	GHS I No ph GHS S	rases apply. Response Phrases rases apply. Storage and Dispo s	sal Phrases:					
	GHS I No ph GHS S Please	rases apply. Response Phrases rases apply. Storage and Dispos e refer to Section 7 f	s al Phrases: or Storage and Section 13 for	•		pirotony troot		
2.3	GHS I No ph GHS S Please Advers	rases apply. Response Phrases rases apply. Storage and Dispo s	sal Phrases: or Storage and Section 13 for Material may be irritating to t May be harmful by inhalatior May cause eye, skin, or resp	he mucous membra n, ingestion, or skin a piratory system irritat	nes and upper res absorption. ion.	piratory tract. been thoroughly investigated.		
2.3	GHS I No ph GHS S Please Advers	rases apply. Response Phrases rases apply. Storage and Dispos e refer to Section 7 f e Human Health and Symptoms:	sal Phrases: or Storage and Section 13 for Material may be irritating to t May be harmful by inhalatior May cause eye, skin, or resp	he mucous membra n, ingestion, or skin a piratory system irritat e, the toxicological p	nes and upper res absorption. ion. roperties have not	been thoroughly investigated.		
CAS	GHS I No ph GHS S Please Advers Effects	rases apply. Response Phrases rases apply. Storage and Dispos e refer to Section 7 f e Human Health and Symptoms: Secti	sal Phrases: or Storage and Section 13 for Material may be irritating to t May be harmful by inhalatior May cause eye, skin, or resp To the best of our knowledge On 3. Composition onents (Chemical Name)/	he mucous membra n, ingestion, or skin a piratory system irritat e, the toxicological p	nes and upper res absorption. ion. roperties have not	been thoroughly investigated.		



Revision: 08/03/2017

		Section 4. First Aid Measures
4.1	Description of First Aid	
	Measures:	
	In Case of Inhalation:	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
	In Case of Skin Contact:	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated
	In Case of Eve Contact	clothing. Get medical attention if symptoms occur. Wash clothing before reuse. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined
	In Case of Eye Contact:	and tested by medical personnel.
	In Case of Ingestion:	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
		Section 5. Fire Fighting Measures
5.1	Suitable Extinguishing	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.
	Media:	Use water spray to cool fire-exposed containers.
	Unsuitable Extinguishing Media:	g A solid water stream may be inefficient.
5.2	Flammable Properties an Hazards:	IdNo data available.
		No data available.
	Flash Pt:	No data.
	Explosive Limits:	LEL: No data. UEL: No data.
	Autoignition Pt:	No data.
5.3	Fire Fighting Instructions	s: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
		Section 6. Accidental Release Measures
6.1	Protective Precautions,	Avoid raising and breathing dust, and provide adequate ventilation.
	Protective Equipment an	d As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator,
	Emergency Procedures:	and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).
6.2	Environmental Precautions:	Take steps to avoid release into the environment, if safe to do so.
6.3		r Contain spill and collect, as appropriate.
		ngTransfer to a chemical waste container for disposal in accordance with local regulations.
	Up:	
		Section 7. Handling and Storage
7.1	Precautions To Be Taker	Avoid breathing dust/fume/gas/mist/vapours/spray.
	in Handling:	Avoid prolonged or repeated exposure.
7.2	Precautions To Be Taker	NKeep container tightly closed.
	in Storing:	Store in accordance with information listed on the product insert.
	Sec	tion 8. Exposure Controls/Personal Protection
8.1	Exposure Parameters:	



8.2	Exposure Controls:					
8.2.1	-					
0.2.1	0 0	evels below recommended exposure limits.				
8.2.2	Personal protection equipm					
0.2.2		afety glasses				
	-	patible chemical-resistant gloves				
	Other Protective Clothing:Lab coat					
	-					
		IIOSH approved respirator, as conditions warrant.				
	(Specify Type):	le net take internelly				
	Work/Hygienic/Maintenan D ce Practices: F	acilities storing or utilizing this material should be equipped with an eyewash and a safety shower				
		Vash thoroughly after handling.				
		lo data available.				
	Sec	ction 9. Physical and Chemical Properties				
9.1	Information on Basic Physic	al and Chemical Properties				
	Physical States:	[]Gas []Liquid [X]Solid				
	Appearance and Odor:	A crystalline solid				
	pH:	No data.				
	Melting Point:	No data.				
	Boiling Point:	No data.				
	Flash Pt:	No data.				
	Evaporation Rate:	No data.				
	Flammability (solid, gas):	No data available.				
	Explosive Limits:	LEL: No data. UEL: No data.				
	Vapor Pressure (vs. Air or n	nm No data.				
	Hg):					
	Vapor Density (vs. Air = 1):	No data.				
	Specific Gravity (Water = 1)	No data.				
	Solubility in Water:	No data.				
	Solubility Notes:	~0.02 mg/ml in a 1:40 solution of DMF:PBS (pH 7.2); ~25 mg/ml in EtOH; ~20 mg/ml in DMSO; ~33 mg/ml in DMF;				
	Octanol/Water Partition Coefficient:	No data.				
	Autoignition Pt:	No data.				
	Decomposition Temperature	e: No data.				
	Viscosity:	No data.				
9.2	Other Information					
	Percent Volatile:	No data.				
	Molecular Formula & Weigh	t: C29H26N2O5 482.5				



Revision: 08/03/2017

10.1	Reactivit	y:	No data available.					
10.2	Stability	:	Unstable [] Stable [X]					
10.3	Stability Note(s):		Stable if stored in accordance with information listed on the product insert.					
	Polymerization:		Will occur [] Will not occur [X]					
10.4	0.4 Conditions To Avoid:		No data available.					
10.5 Incompatibility - Materials		tibility - Materials	strong oxidizing agents					
	To Avoid:							
10.6	Hazardous		carbon dioxide					
	Decomposition or		carbon monoxide					
	Byprodu	cts:	nitrogen oxides					
			Section 11. Toxicologi	cal Informa	ation			
11.1	Informat	ion on	The toxicological effects of this produ	ct have not beer	n thoroughly st	udied.		
	Toxicolo	gical Effects:						
CAS #	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA	
12572								
	213-50-5	BMS 986020		n.a.	n.a.	n.a.	n.a.	
	213-50-5	BMS 986020		n.a.		n.a.	n.a.	
			Section 12. Ecologic	n.a.		n.a.	n.a.	
12.1	213-50-5		Section 12. Ecologica Avoid release into the environment.	n.a. al Informat	ion	n.a.	n.a.	
			Section 12. Ecologica	n.a. al Informat	ion	n.a.	n.a.	
12.1	Toxicity:	nce and	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa	n.a. al Informat	ion	n.a.	n.a.	
12.1	Toxicity: Persiste	nce and bility:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa	n.a. al Informat	ion	n.a.	n.a.	
12.1 12.2	Toxicity: Persister Degrada	nce and bility: mulative	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available.	n.a. al Informat	ion	n.a.	n.a.	
12.1 12.2	Toxicity: Persister Degrada Bioaccur	nce and bility: mulative I:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available.	n.a. al Informat	ion	n.a.	n.a.	
12.1 12.2 12.3	Toxicity: Persister Degrada Bioaccur Potentia Mobility	nce and bility: mulative I: in Soil:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available.	n.a. al Informat	ion	n.a.	n.a.	
12.1 12.2 12.3 12.4	Toxicity: Persister Degrada Bioaccur Potentia Mobility	nce and bility: mulative I: in Soil: of PBT and vPvB	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available.	n.a. al Informat	ion	n.a.	n.a.	
12.1 12.2 12.3 12.4	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm	nce and bility: mulative I: in Soil: of PBT and vPvB	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available.	n.a. al Informat	ion	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm	nce and bility: mulative I: in Soil: of PBT and vPvB tent:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available.	n.a. al Informat	ion ollution.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5	Toxicity: Persister Degrada Bioaccut Potentia Mobility Results assessm Other ad	nce and bility: mulative I: in Soil: of PBT and vPvB tent:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available.	n.a. al Informat er may cause p Considerat	ion ollution.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6	Toxicity: Persister Degrada Bioaccut Potentia Mobility Results assessm Other ad	nce and bility: mulative I: in Soil: of PBT and vPvB tent: verse effects:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad	nce and bility: mulative I: in Soil: of PBT and vPvB tent: verse effects:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6 13.1 14.1	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad Waste D	nce and bility: mulative I: in Soil: of PBT and vPvB eent: verse effects: isposal Method: RANSPORT (US I	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6 13.1 14.1 D	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad Waste D	nce and bility: mulative l: in Soil: of PBT and vPvB ent: verse effects: isposal Method: RANSPORT (US I	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6 13.1 14.1 D	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad Waste D	nce and bility: mulative I: in Soil: of PBT and vPvB eent: verse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6 13.1 14.1 D	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad Waste D LAND T OT Proper OT Hazaro	nce and bility: mulative I: in Soil: of PBT and vPvB eent: verse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6 13.1 14.1 D(UI 14.1	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad Waste D LAND T OT Proper OT Hazaro N/NA Num	nce and bility: mulative l: in Soil: of PBT and vPvB ent: verse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class: nber:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	
12.1 12.2 12.3 12.4 12.5 12.6 13.1 14.1 D(UI 14.1 A	Toxicity: Persister Degrada Bioaccur Potentia Mobility Results assessm Other ad Waste D LAND T OT Proper OT Hazaro N/NA Num	nce and bility: mulative l: in Soil: of PBT and vPvB eent: verse effects: isposal Method: RANSPORT (US I r Shipping Name: d Class: nber: RANSPORT (Euro hipping Name:	Section 12. Ecologica Avoid release into the environment. Runoff from fire control or dilution wa No data available. No data available. No data available. No data available. No data available. No data available. Section 13. Disposal (Dispose in accordance with local, sta Section 14. Transpo DOT): Not dangerous goods.	n.a. al Informat er may cause p er may cause p considerat e, and federal r	ion ollution. ions egulations.	n.a.	n.a.	

4
Courses
Caynan

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not dangerous goods.

Transport in accordance with local, state, and federal regulations.

Information:

Additional Transport

Section 15. Regulatory Information

CAS #	Hazardous Components (Chemical Name)		S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
1257213-50-5	BMS 986020		No	No	No	
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists		+	
1257213-50-5	BMS 986020		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Information Statement:		This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.				
		Section 16. Ot	her Informatio	on		
Revision Date:		08/03/2017				
Additional Information About		No data available.				
This Product:						
Company Policy or Disclaimer:		DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.				