

Revision: 01/12/2020

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	Section 1 Ide	entification of the Substance/Mixture and of t	he Company/Undertaking				
			ine company/ondertaking				
1.1	Product Code:	29314					
	Product Name:	NAN-190	111 issindels 1 2(211) diens, menshydrebremid				
	Synonyms:		-1H-isoindole-1,3(2H)-dione, monohydrobromid				
.2	Relevant identified uses of t	he substance or mixture and uses advised ag					
	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 Company					
		1180 E. Ellsworth Rd.					
	Mar 1 - 14 - 11 - 1	Ann Arbor, MI 48108					
	Web site address:	www.caymanchem.com					
	Information:	Cayman Chemical Company	+1 (734)971-3335				
1.4	Emergency telephone numb	er:					
	Emergency Contact:	CHEMTREC Within USA and Canada:	+1 (800)424-9300				
		CHEMTREC Outside USA and Canada:	+1 (703)527-3887				
		Section 2. Hazards Identific	cation				
2.1	Classification of the Substar	nce or Mixture:					
	Skin Corrosion/Irritation, C	Category 2					
	Serious Eye Damage/Eye I	Irritation, Category 2					
	Specific Target Organ Toxicity (single exposure), Category 3						
	Specific Target Organ Tox	icity (single exposure), Category 3					
	Specific Target Organ Tox Aquatic Toxicity (Acute), C						
2.2							
2.2	Aquatic Toxicity (Acute), C						
2.2	Aquatic Toxicity (Acute), C						
2.2	Aquatic Toxicity (Acute), C						
2.2	Aquatic Toxicity (Acute), C Label Elements:						
2.2	Aquatic Toxicity (Acute), C						
2.2	Aquatic Toxicity (Acute), C Label Elements:	Category 1					
2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation.	Category 1 Warning					
2	Aquatic Toxicity (Acute), O Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir	Warning					
2.2	Aquatic Toxicity (Acute), O Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir H335: May cause respiratory	Warning rritation. y irritation.					
2	Aquatic Toxicity (Acute), O Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir	Warning rritation. y irritation.					
2.2	Aquatic Toxicity (Acute), O Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir H335: May cause respiratory	Warning rritation. y irritation. life.					
2.2	Aquatic Toxicity (Acute), O Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase	Warning rritation. y irritation. life.					
2.2	Aquatic Toxicity (Acute), O Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase	Warning wirritation. y irritation. life. es: /fume/gas/mist/vapors/spray}.					
2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust	Category 1 Warning rritation. y irritation. life. es: /fume/gas/mist/vapors/spray}. ghly after handling.					
2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e	Category 1 Warning rritation. y irritation. life. es: /fume/gas/mist/vapors/spray}. ghly after handling.	tion}.				
2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e	Category 1 Warning rritation. y irritation. life. ess: /fume/gas/mist/vapors/spray}. ghly after handling. environment.	tion}.				
2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glow GHS Response Phrases:	Category 1 Warning rritation. y irritation. life. ess: /fume/gas/mist/vapors/spray}. ghly after handling. environment.	tion}.				
2.2	Aquatic Toxicity (Acute), C Label Elements: Construction GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glow GHS Response Phrases: P302+352: IF ON SKIN: Wa	Category 1 Warning mitation. y irritation. ife. es: /fume/gas/mist/vapors/spray}. ghly after handling. environment. es/protective clothing/eye protection/face protect					
2.2	Aquatic Toxicity (Acute), C Label Elements: Construction GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glow GHS Response Phrases: P302+352: IF ON SKIN: Wa P304+340: IF INHALED: Re	Category 1 Warning minimum rritation. y irritation. ife. es: /fume/gas/mist/vapors/spray}. ghly after handling. environment. es/protective clothing/eye protection/face protect ish with plenty of soap and water.	sition comfortable for breathing.				
2.2	Aquatic Toxicity (Acute), C Label Elements: Construction GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glow GHS Response Phrases: P302+352: IF ON SKIN: Wa P304+340: IF INHALED: Re	Category 1 Warning warning	sition comfortable for breathing.				
2.2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glove GHS Response Phrases: P302+352: IF ON SKIN: Wa P304+340: IF INHALED: Re P305+351+338: IF IN EYES to do. Continue rinsing.	Category 1 Warning warning	sition comfortable for breathing.				
2.2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye in H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glow GHS Response Phrases: P302+352: IF ON SKIN: Wa P304+340: IF INHALED: Re P305+351+338: IF IN EYES to do. Continue rinsing. P312: Call a POISON CENT	Category 1 Warning Warning rritation. y irritation. ife. es: /fume/gas/mist/vapors/spray}. ghly after handling. environment. es/protective clothing/eye protection/face protect esh with plenty of soap and water. emove victim to fresh air and keep at rest in a pos c: Rinse cautiously with water for several minutes	sition comfortable for breathing.				
.2	Aquatic Toxicity (Acute), C Label Elements: GHS Signal Word: GHS Hazard Phrases: H315: Causes skin irritation. H319: Causes serious eye ir H335: May cause respiratory H400: Very toxic to aquatic I GHS Precautionary Phrase P261: Avoid breathing {dust P264: Wash {hands} thoroug P273: Avoid release to the e P280: Wear {protective glow GHS Response Phrases: P302+352: IF ON SKIN: Wa P304+340: IF INHALED: Re P305+351+338: IF IN EYES to do. Continue rinsing. P312: Call a POISON CENT P332+313: If skin irritation o	Category 1 Warning with a second se	sition comfortable for breathing.				



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	F J91.	Collect spillage.						
GHS Storage and Disposal Phrases:								
			for Storage and Section 13 for	r Disposal informatio	n.			
	UFI:		-					
2.3	Advers	e Human Health	Causes serious eye irritation	L.				
		and Symptoms:	Causes skin irritation.	-				
			Material may be irritating to t	he mucous membra	nes and upper re	spiratory tract.		
			May be harmful by inhalation, ingestion, or skin absorption.					
			May cause respiratory system irritation. Very toxic to aquatic life.					
		Sect	tion 3. Composition	/Information	on Ingredie	nts		
CAS	#/	Hazardous Com	ponents (Chemical Name)/	Concentration	EC No./	GHS Classification		
RTE	CS #	REACH Registra	tion No.		EC Index No.			
1153	38-32-4	1H-Isoindole-1,3(2H		100.0 %	634-220-9	Skin Corr. 2: H315		
NR33	98487		henyl)-1-piperazinyl]butyl]-,		NA	Eye Damage 2: H319		
		hydrobromide (1:1)				STOT (SE) 3: H335		
						Aquatic (A) 1: H400		
			Section 4. Fi	rst Aid Measu	ures			
4.1	Descrip	otion of First Aid						
	Measur	res:						
	In Case	e of Inhalation:	Remove to fresh air. If not br	In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained pers				
			Get immediate medical atten	tion.				
	In Case	e of Skin Contact:			ater for at least 1	5 minutes. Remove contaminate		
	In Case	e of Skin Contact:		soap and plenty of wa				
		e of Skin Contact: e of Eye Contact:	Immediately wash skin with s clothing. Get medical attention	soap and plenty of wa	. Wash clothing b	efore reuse.		
			Immediately wash skin with s clothing. Get medical attention	soap and plenty of wa on if symptoms occur eyes with plenty of w	. Wash clothing b	efore reuse.		
	In Case		Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush	soap and plenty of wa on if symptoms occur eyes with plenty of w nnel.	: Wash clothing b vater for at least 1	efore reuse. 5 minutes. Have eyes examine		
	In Case	e of Eye Contact:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p	soap and plenty of wa on if symptoms occur eyes with plenty of w nnel. provided person is co	: Wash clothing b vater for at least 1 onscious. Never g	5 minutes. Have eyes examined		
	In Case	e of Eye Contact:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p	soap and plenty of wa on if symptoms occur eyes with plenty of w nnel. provided person is co	: Wash clothing b vater for at least 1 onscious. Never g	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an		
	In Case	e of Eye Contact:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush and tested by medical person Wash out mouth with water p unconscious person. Get me	soap and plenty of wa on if symptoms occur eyes with plenty of w nnel. provided person is co dical attention. Do N	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examined ive anything by mouth to an		
5.1	In Case In Case	e of Eye Contact:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel.	soap and plenty of way on if symptoms occur eyes with plenty of w nnel. provided person is co dical attention. Do N e Fighting Mea	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
5.1	In Case In Case	e of Eye Contact: e of Ingestion:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N e Fighting Mea carbon dioxide, wate	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examined ive anything by mouth to an ng unless directed to do so by		
5.1	In Case In Case Suitabl Media:	e of Eye Contact: e of Ingestion: e Extinguishing	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examined ive anything by mouth to an ng unless directed to do so by		
5.1	In Case In Case Suitabl Media:	e of Eye Contact: e of Ingestion: e Extinguishing	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire-	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
	In Case In Case Suitabl Media: Unsuita Media:	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire-	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
	In Case In Case Suitabl Media: Unsuita Media:	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire-of g A solid water stream may be	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
	In Case In Case Suitabl Media: Unsuita Media: Flamma	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire-of g A solid water stream may be	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
	In Case In Case Suitabl Media: Unsuita Media: Flamma	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an s:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire- g A solid water stream may be adNo data available.	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
	In Case In Case Suitabl Media: Unsuita Media: Flamma Hazard	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an s:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire-of a A solid water stream may be adNo data available. No data available.	soap and plenty of way on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti ASURES r, or dry chemical	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
	In Case In Case Suitabl Media: Unsuita Hazard Flamma Hazard	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an s: Pt:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire- g A solid water stream may be adNo data available. No data available. No data.	soap and plenty of wa on if symptoms occur eyes with plenty of wannel. provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers. inefficient.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti ASURES r, or dry chemical	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
5.2	In Case In Case Suitabl Media: Unsuita Media: Flamma Hazard Flash P Explose Autoign	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an s: Pt: ive Limits: nition Pt:	Immediately wash skin with s clothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire- g A solid water stream may be adNo data available. No data available. No data. LEL: No data. No data.	soap and plenty of way on if symptoms occur eyes with plenty of way provided person is co dical attention. Do N E Fighting Mea carbon dioxide, wate exposed containers. inefficient.	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti ASURES r, or dry chemical	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by		
5.1	In Case In Case Suitabl Media: Unsuita Media: Flamma Hazard Flash P Explose Autoign	e of Eye Contact: e of Ingestion: e Extinguishing able Extinguishing able Properties an s: Pt: ive Limits: nition Pt:	Immediately wash skin with sclothing. Get medical attention Hold eyelids apart and flush of and tested by medical person Wash out mouth with water p unconscious person. Get me medical personnel. Section 5. Fire Use alcohol-resistant foam, of Use water spray to cool fire-of a A solid water stream may be adNo data available. No data available. No data. LEL: No data.	soap and plenty of way on if symptoms occur eyes with plenty of way nel. orovided person is co dical attention. Do N Fighting Mea carbon dioxide, wate exposed containers. inefficient. UEL: No da ained breathing appa	: Wash clothing b vater for at least 1 onscious. Never g OT induce vomiti ASURES r, or dry chemical ata.	before reuse. 5 minutes. Have eyes examine ive anything by mouth to an ng unless directed to do so by I spray.		



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	Se	ection 6. Accidental Release Measures				
6.1 6.2	Protective Equipment and As Emergency Procedures: ar	Avoid raising and breathing dust, and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).				
0.2	Environmental Take steps to avoid release into the environment, if safe to do so. Precautions: Take steps to avoid release into the environment, if safe to do so.					
6.3	Methods and Material For Contain spill and collect, as appropriate. Containment and Cleaning Transfer to a chemical waste container for disposal in accordance with local regulations. Up:					
		Section 7. Handling and Storage				
7.1		oid breathing dust/fume/gas/mist/vapours/spray. oid prolonged or repeated exposure.				
7.2	Precautions To Be Taken Ke					
	in Storing: Store in accordance with information listed on the product insert.					
	Section	n 8. Exposure Controls/Personal Protection				
8.1	Exposure Parameters:					
8.2	Exposure Controls:					
8.2.1	Engineering Controls Us	e process enclosures, local exhaust ventilation, or other engineering controls to control airborne				
	(Ventilation etc.): lev	els below recommended exposure limits.				
8.2.2	Personal protection equipme	nt:				
	Eye Protection: Sa	fety glasses				
	Protective Gloves: Co	mpatible chemical-resistant gloves				
	Other Protective Clothing:Lab coat					
	Respiratory Equipment NIG (Specify Type):	OSH approved respirator, as conditions warrant.				
	Work/Hygienic/Maintenan Do	not take internally.				
		cilities storing or utilizing this material should be equipped with an eyewash and a safety shower. ash thoroughly after handling.				
	Nc	No data available.				
	Sec	tion 9. Physical and Chemical Properties				
9.1	Information on Basic Physica					
	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 mi Hg):	n No data.				
	Vapor Density (vs. Air = 1):	No data.				



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	Specific	Gravity (Water =	1): No data.							
	Solubilit	y in Water:	No data.	No data.						
Solubility Notes:			~0.5 mg/ml in a 1:1 solution DMSO; ~5 mg/ml in DMF;	~0.5 mg/ml in a 1:1 solution of DMSO:PBS (pH 7.2); ~1 mg/ml in EtOH; ~10 mg/ml in DMSO; ~5 mg/ml in DMF;						
	Octanol/	Water Partition	No data.							
	Coefficie	ent:								
	Autoigni	tion Pt:	No data.							
	-	osition Temperat	ure: No data.							
	Viscosit		No data.							
9.2	Other Inf	-								
	Percent Volatile:		No data.							
		ar Formula & Wei		4 4						
	Molecula		.	C23H27N3O3 • HBr 474.4 Section 10. Stability and Reactivity						
10.1	Reactivi	v:	No data available.		vity					
10.2	Stability	-	Unstable [] Stable [X]							
10.3	Stability		Stable if stored in accordance with in	oformation listed o	on the product	insert				
	Polymer		Will occur [] Will not occur [X							
40.4	-			1						
10.4		ns To Avoid:	No data available.							
10.5	Incompa To Avoid		strong oxidizing agents							
10.6	Hazardo		carbon dioxide							
		osition or	arbon monoxide							
	Byprodu		hydrogen bromide							
	Byprode		nitrogen oxides	-						
			Section 11. Toxicolog	ical Informa	ation					
11.1	Informat	ion on	The toxicological effects of this prod	uct have not beer	thoroughly st	udied.				
	Toxicolo	gical Effects:	NAN-190 - Toxicity Data: Subcutane	AN-190 - Toxicity Data: Subcutaneous TDLO (rat): 1 mg/kg; Intraperitoneal TDLO (rat): 1 mg/kg; AN-190 - Investigated as a drug.						
	Chronic	Toxicological	NAN-190 - Investigated as a drug.							
Effects: Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is see actual entry in RTECS for complete information.					CS) data is pre	resented here.				
	NA		NAN-109 RTECS Number: NR3398	109 RTECS Number: NR3398487						
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA			
1153	38-32-4	1H-Isoindole-1,3(2-[4-[4-(2-methox hydrobromide (1:	yphenyl)-1-piperazinyl]butyl]-,	n.a.	n.a.	n.a.	n.a.			
	Section 12. Ecological Information									
12.1	Toxicity		Avoid release into the environment.							
			Runoff from fire control or dilution wa	ater may cause po	ollution.					
12.2	Persiste	nce and	No data available.							
	Degrada	bility:								
12.3	Bioaccu	mulative	No data available.							
	Potentia	l:								
12.4 Mobility in Soil: No data available.										
12.5	Results	of PBT and vPvB	No data available.	ata available.						
assessment:										
						Ν	Iulti-region format			



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12.6 Oth	12.6 Other adverse effects: No data available.					
Section 13. Disposal Considerations						
13.1 Was	3.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.					
	Section 14. Transport Information					
14.1 LAN	ID TRANSPORT (US I	DOT):				
DOT PI	oper Shipping Name	Not dangerous goods.				
	azard Class:					
UN/NA	Number:					
	ID TRANSPORT (Euro					
ADR/R	D Shipping Name:	Environmentally hazardous		.o.s. (1-(2-Metho)	xyphenyl)-4-[4-(2-	
			phthalimido)butyl]piperazine hydrobromide)			
UN Nui		3077	Packing Gro	oup:	III	
Hazard		9 - CLASS 9				
	TRANSPORT (ICAO/					
	ATA Shipping Name:	Environmentally hazardous phthalimido)butyl]piperazine		.o.s. (1-(2-Metho)	xyphenyl)-4-[4-(2-	
UN Nu	nber:	3077	Packing Gro	oup:	III	
Hazard	Class:	9 - CLASS 9	IATA Classi	fication:	9	
Additional	Transport	Transport in accordance with lo	cal, state, and feder	al regulations.		
Informatio	n:	When sold in quantities of less t	-	-		
		E1, E2, E4, or E5, this item mee Therefore packaging does not h		-	-	
				-		
		Section 15. Regul	atory Informa	ation		
EPA SARA		nents and Reauthorization Act o	-			
CAS #		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)	
115338-32		kyphenyl)-1-piperazinyl]butyl]-,	No	No	No	
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or	State Lists		
115338-32-41H-Isoindole-1,3(2H)-dione, 2-[4-[4-(2-methoxyphenyl)-1-piperazinyl]butyl]-, hydrobromide (1:1)			CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No			
Regulatory Statement:	Regulatory InformationThis SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC)Statement:No.1272/2008.					
Section 16. Other Information						
Revision Date: 01/12/2020						
Additional	Additional Information About No data available.					
This Product:						
Company I	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.				

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