

Versio 1.0	on	Revision Date: 29.04.2020		S Number: 0058411416	This version replaces all previous versions.			
SECT	SECTION 1. PRODUCT AND COMPANY IDENTIFICATION							
F	Product name		:	: MINECTO FORTE				
۵	Design code		:	A19845K				
Ν	Manufa	cturer or supplier's o	deta	ils				
C	Company		:	Syngenta Austra www.syngenta.c	lia Pty Ltd (ABN 33 002 933 717) om.au			
Ą	Address		:	2-4 Lyonpark Road Macquarie Park NSW 2113 Australia				
Telephone		:	(02) 8876 8444					
Telefax		:	(02) 8876 8446					
Emergency telephone numbe		r:	13 11 26 (Poisor 1800 033 111 (S	n Information Centre) yngenta)				

### Recommended use of the chemical and restrictions on use

Recommended use	: Insecticide
-----------------	---------------

### **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification Acute toxicity (Inhalation)	: Category 4
Specific target organ toxicity - repeated exposure	: Category 2 (Lungs)
GHS label elements Hazard pictograms	
Signal word	: Warning
Hazard statements	<ul> <li>H332 Harmful if inhaled.</li> <li>H373 May cause damage to organs (Lungs) through prolonged or repeated exposure.</li> </ul>
Precautionary statements	<ul> <li>Prevention:</li> <li>P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> </ul>



Version 1.0 Revision Date: 29.04.2020

SDS Number: S00058411416 This version replaces all previous versions.

### **Response:**

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. P314 Get medical advice/ attention if you feel unwell.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
diafenthiuron	80060-09-9	>= 30 -< 60
cyantraniliprole	736994-63-1	< 10
propane-1,2-diol	57-55-6	< 10
residues (petroleum), catalytic reformer frac- tionator, sulfonated, polymers with formalde- hyde, sodium salts	68425-94-5	< 10

### **SECTION 4. FIRST AID MEASURES**

General advice	:	Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.
If inhaled	:	Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respira- tion. Keep patient warm and at rest. Call a physician or poison control centre immediately.
In case of skin contact	:	Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
In case of eye contact	:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
If swallowed	:	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	:	Nonspecific No symptoms known or expected.
Notes to physician	:	There is no specific antidote available. Treat symptomatically.

#### **SECTION 5. FIREFIGHTING MEASURES**



Version 1.0	Revision Date: 29.04.2020		OS Number: 00058411416	This version replaces all previous versions.			
Suita	Suitable extinguishing media		<ul> <li>Extinguishing media - small fires</li> <li>Use water spray, alcohol-resistant foam, dry chemical or ca bon dioxide.</li> <li>Extinguishing media - large fires</li> <li>Alcohol-resistant foam</li> <li>or</li> </ul>				
Unsu medi	itable extinguishing	:	Water spray Do not use a se fire.	olid water stream as it may scatter and spread			
	ific hazards during fire-	:	As the product contains combustible organic components, fire will produce dense black smoke containing hazardous prod- ucts of combustion (see section 10). Exposure to decomposition products may be a hazard to health.				
Spec ods	ific extinguishing meth-	:	Do not allow ru courses.	in-off from fire fighting to enter drains or water			
for fir	ial protective equipment efighters hem Code	:	Cool closed containers exposed to fire with water spray. Wear full protective clothing and self-contained breathing a paratus. •3Z				
SECTION	6. ACCIDENTAL RELE	AS	E MEASURES				
tive e	Personal precautions, protec- tive equipment and emer- gency procedures Environmental precautions		Refer to protec	tive measures listed in sections 7 and 8.			
Envir			Do not flush int	leakage or spillage if safe to do so. to surface water or sanitary sewer system. contaminates rivers and lakes or drains inform norities.			
	ods and materials for	:		e, and then collect with non-combustible ab-			

Methods and materials for containment and cleaning up		Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly. Clean with detergents. Avoid solvents. Retain and dispose of contaminated wash water.
---	--	--

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling	No special protective measures against fire required Avoid contact with skin and eyes. When using do not eat, drink or smoke. For personal protection see section 8.			
Conditions for safe storage	<ul> <li>No special storage conditions required.</li> <li>Keep containers tightly closed in a dry, cool and we ventilated place.</li> <li>Keep out of the reach of children.</li> <li>Keep away from food, drink and animal feedingstuff</li> </ul>			



Version F 1.0 2

Revision Date: 29.04.2020

SDS Number: S00058411416 This version replaces all previous versions.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

		-	1	11		
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis		
diafenthiuron	80060-09-9	TWA	0.2 mg/m3 (Skin)	Syngenta		
cyantraniliprole	736994-63-1	TWA	5 mg/m3	Syngenta		
propane-1,2-diol	57-55-6	TWA (partic- ulate)	10 mg/m3	AU OEL		
		TWA (Total (vapour and particles))	150 ppm 474 mg/m3	AU OEL		
Engineering measures	CONTROLS FOR THE M PACKAGINO APPLICATIO CONSULT T Containment protection m The extent o actual risks i Maintain air standards.	Where necessary, seek additional occupational hygiene ad-				
Personal protective equipme	ent					
Respiratory protection	: When worke limit they mu Suitable resp Respirator w The filter class imum expect (gas/vapour/ dling the pro	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Suitable respiratory equipment: Respirator with a half face mask The filter class for the respirator must be suitable for the max- imum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when han- dling the product. If this concentration is exceeded, self- contained breathing apparatus must be used.				
Hand protection		contained breathing apparatus must be used.				
Material Break through time Glove thickness	: Nitrile rubber : > 480 min : 0.5 mm					
Remarks	: Wear protective gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and					



Version 1.0	Revision Date: 29.04.2020	SDS Number: S00058411416	This version replaces all previous versions.
Skin	protection and body protection ctive measures	gloves. Also tal tions under whi cuts, abrasion, depends amon and the type of each case. Glo is any indication : No special prot : Choose body p tration and amo cific work-place Remove and w Wear as appro Impervious clot	ash contaminated clothing before re-use. priate:
Prote	ctive measures	over the use of	personal protective equipment. personal protective equipment, seek appro-
		Personal protec national standa	ctive equipment should comply with relevant rds

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	suspension
Colour Odour	:	white No data available
Odour Threshold	:	No data available
рН	:	3 - 7 Concentration: 100 % w/v
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	Method: Pensky-Martens closed cup does not flash
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available



Versic 1.0	on	Revision Date: 29.04.2020		S Number: 0058411416	This version replaces all previous versions.
Density		:	1.06 - 1.10 g/cm3	3 (20 °C)	
Solubility(ies) Solubility in other solvents		:	No data available	2	
	Partition coefficient: n-		:	No data available	9
octanol/water Auto-ignition temperature		:	490 °C		
D	Decomposition temperature		:	No data available	9
V	/iscosit Visc	y osity, dynamic	:	No data available	2
E	Explosiv	ve properties	:	Not explosive	
С	Dxidizir	ng properties	:	The substance o	r mixture is not classified as oxidizing.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	:	None reasonably foreseeable. Stable under normal conditions. No dangerous reaction known under conditions of normal use.
Conditions to avoid Incompatible materials Hazardous decomposition products	:	No decomposition if used as directed. None known. No hazardous decomposition products are known.

### SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes :	Ingestion Inhalation Skin contact Eye contact
Acute toxicity	
Product: Acute oral toxicity :	LD50 (Rat, female): > 2,000 mg/kg
Acute inhalation toxicity :	LC50 (Rat, male and female): > 0.693 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity :	LD50 (Rat, male and female): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity



sion	Revision Date: 29.04.2020		lumber: 8411416	This version replaces all previous version
<u>Com</u>	oonents:			
diafe	nthiuron:			
Acute	oral toxicity	: LD	950 (Rat): 2,	068 mg/kg
Acute	inhalation toxicity	Ex	50 (Rat): 0. posure time st atmosph	
Acute	e dermal toxicity	As		2,000 mg/kg The substance or mixture has no acute derma
cyant	traniliprole:			
Acute	oral toxicity	: LD	950 (Rat, fei	nale): > 5,000 mg/kg
Acute	inhalation toxicity	Ex	50 (Rat): > posure time st atmosph	
Acute	e dermal toxicity	: LD	950 (Rat, fei	male): > 5,000 mg/kg
Skin	corrosion/irritation			
Produ	uct:			
Speci Resul			bbit skin irritati	on
Com	oonents:			
diafe	nthiuron:			
Speci Resul			ıbbit o skin irritati	on
cyant	traniliprole:			
Speci Resul			ıbbit o skin irritati	on
	ues (petroleum), cat , sodium salts:	alytic refo	ormer fract	ionator, sulfonated, polymers with formald
Resul	lt	: Irri	tating to ski	n.
Serio	us eye damage/eye	rritation		
Produ	uct:			
Speci			ibbit	
Resul	IT	: No	eye irritatio	n



Vers 1.0	sion	Revision Date: 29.04.2020		0S Number: 00058411416	This version replaces all previous versions.
	Compo	onents:			
	diafent	thiuron:			
	Specie		:	Rabbit	
	Result		:	No eye irritation	
	cyantra	aniliprole:			
	Specie	S	:	Rabbit	
	Result		:	No eye irritation	
		es (petroleum), cata sodium salts:	lytic	reformer fraction	ator, sulfonated, polymers with formalde-
	Result		:	Eye irritation	
				,	
	Respir	atory or skin sensit	isatio	on	
	Produc	<u>ct:</u>			
	Test Ty		:	Local lymph node	e assay (LLNA)
	Specie	S	:	Mouse	
	Result		-	Did not cause sei	nsitisation on laboratory animals.
	<u>Compo</u>	onents:			
	diafent	thiuron:			
	Specie	S	:	Guinea pig	
	Result		:	A weak skin sens	itizer in animal tests
	cvantra	aniliprole:			
	Test Ty		:	mouse lymphoma	a cells
	Specie		:	Mouse	
	Result		:	Did not cause ser	nsitisation on laboratory animals.
	Chroni	ic toxicity			
	Germ	cell mutagenicity			
		onents:			
	diafont	thiuron:			
		cell mutagenicity -		Did not show mut	agenic or teratogenic effects in animal ex-
	Assess		-	periments.	agenic of teratogenic enects in animal ex-
	cyantra	aniliprole:			
	Germ o	cell mutagenicity -	:	Animal testing did	d not show any mutagenic effects.
	Assess	sment			
	Carcin	ogenicity			
	Compo	onents:			
	diafent	thiuron:			
	Carcino	ogenicity - Assess-	:	In animal studies	(rat, mouse, dog), prolonged exposure to



ersion D	Revision Date: 29.04.2020		0058411416	This version replaces all previous versions
ment				s been shown to produce lung damage. In al administration has produced lung tumours els.
-	raniliprole:			
Carcir ment	nogenicity - Assess-	:	No evidence of c	arcinogenicity in animal studies.
Repro	oductive toxicity			
<u>Comp</u>	oonents:			
	n <b>thiuron:</b> nductive toxicity - As- ment	:	No toxicity to rep	roduction
-	raniliprole: ductive toxicity - As- nent	:	No toxicity to rep	roduction
sтот	- repeated exposure			
Comp	oonents:			
Targe	<b>nthiuron:</b> t Organs ssment	:		r mixture is classified as specific target orga d exposure, category 2.
Repe	ated dose toxicity			
Comp	oonents:			
cyant	raniliprole:			
Rema	rks	:		r mixture is not classified as specific target epeated exposure.
ECTION	12. ECOLOGICAL INF	OR	IATION	

Product:

Toxicity to fish	:	LC50 (Cyprinus carpio (Carp)): > 0.023 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.0063 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l Exposure time: 96 h NOEC (Pseudokirchneriella subcapitata (green algae)): 3.2 mg/l Exposure time: 96 h



rsion )	Revision Date: 29.04.2020		OS Number: 00058411416	This version replaces all previous versions
Comr	oonents:			
	n <b>thiuron:</b> ity to fish	:	LC50 (Oncorh Exposure time	ynchus mykiss (rainbow trout)): 0.002 mg/l :: 96 h
			LC50 (Ictaluru Exposure time	s punctatus (channel catfish)): 0.0013 mg/l :: 96 h
	ty to daphnia and other ic invertebrates	:	EC50 (Daphni Exposure time	a magna (Water flea)): 0.00015 mg/l : 48 h
Toxici plants	ty to algae/aquatic	:	ErC50 (Pseud 0.059 mg/l Exposure time	okirchneriella subcapitata (green algae)): > :: 96 h
	ctor (Acute aquatic tox-	:	1,000	
icity) Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Oncor Exposure time	hynchus mykiss (rainbow trout)): 0.000018 mg :: 21 d
aquat	ty to daphnia and other ic invertebrates (Chron-	:	NOEC (Daphr Exposure time	ia magna (Water flea)): 0.0011 μg/l :: 21 d
ic toxi M-Fao toxicit	ctor (Chronic aquatic	:	10,000	
cyant	raniliprole:			
Toxici	ty to fish	:	LC50 (Oncorh Exposure time	ynchus mykiss (rainbow trout)): > 12.6 mg/l : 96 h
			LC50 (Cyprinc mg/l Exposure time	odon variegatus (sheepshead minnow)): > 12 :: 96 h
	ty to daphnia and other ic invertebrates	:	EC50 (Daphni Exposure time	a magna (Water flea)): 0.0204 mg/l :: 48 h
Toxici plants	ty to algae/aquatic	:	ErC50 (Pseud mg/l Exposure time	okirchneriella subcapitata (green algae)): > 13 :: 72 h
	ctor (Acute aquatic tox-	:	10	
icity) Toxici icity)	ty to fish (Chronic tox-	:	NOEC (Cyprin mg/l Exposure time	odon variegatus (sheepshead minnow)): 2.9 :: 28 d
			NOEC (Oncor Exposure time	hynchus mykiss (rainbow trout)): 10.7 mg/l :: 28 d
	ity to daphnia and other ic invertebrates (Chron- city)	:	NOEC (Daphr Exposure time	ia magna (Water flea)): 0.00656 mg/l :: 21 d



Version 1.0	Revision Date: 29.04.2020		DS Number: 00058411416	This version replaces all previous versions.
M-Fac toxicity	tor (Chronic aquatic ⁄)	:	10	
Persis	tence and degradabi	lity		
Comp	onents:			
diafen	thiuron:			
Biodeg	gradability	:	Remarks: No da	ata available
-	aniliprole:			
Biodeg	gradability	:	Result: Not read	dily biodegradable.
	ies (petroleum), cataly sodium salts:	ytic	reformer fractio	nator, sulfonated, polymers with formalde-
-	gradability	:	Result: Not read	dily biodegradable.
Bioaco	cumulative potential			
Comp	<u>onents:</u>			
diafen	thiuron:			
Bioaco	cumulation	:	Remarks: Bioad	cumulates
	on coefficient: n- I/water	:	log Pow: 5.76 (2	25 °C)
-	raniliprole: cumulation	:		n factor (BCF): < 1 not bioaccumulate.
Mobili	ty in soil			
Comp	onents:			
diafen	thiuron:			
	ution among environ- l compartments	:	Remarks: immo	bile
	ty in soil	:	Remarks: Produ	uct is not persistent.
-	aniliprole:			
	ution among environ-	:	Remarks: immo	bile
	mental compartments Stability in soil	:	Remarks: No da	ata available
Other	adverse effects			
Comp	onents:			
	thiuron:			
Result assess	s of PBT and vPvB sment	:	lating and toxic	is not considered to be persistent, bioaccumu- (PBT). This substance is not considered to be and very bioaccumulating (vPvB).

### cyantraniliprole:



Version	Revision Date:	SDS Number:	This version replaces all previous versions.
1.0	29.04.2020	S00058411416	
	lts of PBT and vPvB ssment	lating and toxic	is not considered to be persistent, bioaccumu- (PBT). This substance is not considered to be and very bioaccumulating (vPvB).

### **SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal methods	
Waste from residues	<ul> <li>Do not contaminate ponds, waterways or ditches with chemical or used container.</li> <li>Do not dispose of waste into sewer.</li> <li>Where possible recycling is preferred to disposal or incineration.</li> <li>If recycling is not practicable, dispose of in compliance with</li> </ul>
	local regulations.
Contaminated packaging	: Non-returnable containers:
	Triple rinse containers.
	Add rinsings to spray tank
	If recycling, replace cap and return clean containers to recy- cler or designated collection point. Containers marked with the drumMUSTER container logo can be taken to a drumMUS- TER collection site (02 6206 6868, www.drummuster.org.au). Empty containers can be landfilled, when in accordance with the local regulations.
	If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Returnable containers:
	Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

### **SECTION 14. TRANSPORT INFORMATION**

### International Regulations

<b>UNRTDG</b> UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIAFENTHIURON AND CYANTRANILIPROLE)
Class	:	9
Packing group	:	
Labels	:	9
IATA-DGR		
UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (DIAFENTHIURON AND CYANTRANILIPROLE)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964
Packing instruction (passen-	:	964



Version 1.0	Revision Date: 29.04.2020	SDS Number: This version replaces all previous versions. S00058411416
Enviro IMDG UN nu Prope Class Packi Label EmS	ng group s	<ul> <li>yes</li> <li>UN 3082</li> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIAFENTHIURON AND CYANTRANILIPROLE)</li> <li>9</li> <li>III</li> <li>9</li> <li>F-A, S-F</li> <li>yes</li> </ul>
	sport in bulk according pplicable for product as	g to Annex II of MARPOL 73/78 and the IBC Code supplied.
Natio	nal Regulations	
-	umber er shipping name	<ul> <li>UN 3082</li> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIAFENTHIURON AND CYANTRANILIPROLE)</li> </ul>
Label	ng group s nem Code	<ul> <li>9</li> <li>III</li> <li>9</li> <li>•3Z</li> <li>Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the Australian Code for the Transport of Dangerous Goods (ADG). This applies when transported by road or rail in packagings that do not incorporate a receptacle exceeding 500 kg(L) or IBCs per ADG Special Provision AU01.</li> </ul>

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### **SECTION 15. REGULATORY INFORMATION**

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform : Schedule 5 Scheduling of Medicines and Poisons	
Prohibition/Licensing Requirements	: There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
Product Registration Number	: APVMA Approval No. 87610



Version 1.0 Revision Date: 29.04.2020

SDS Number: S00058411416 This version replaces all previous versions.

### **SECTION 16. OTHER INFORMATION**

Revision Date	:	29.04.2020
Date format	:	dd.mm.yyyy

### Full text of other abbreviations

AU OEL

Australia. Workplace Exposure Standards for Airborne Contaminants.

### AU OEL / TWA : Exposure standard - time weighted average

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration. Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

AU / EN