

Version	Revision Date:	SDS Number:	Date of last issue: 2024/09/03
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0.0	202-7/03/10	100000010002	

SECTION 1. IDENTIFICATION

Substance name	: INVEGA 6-months, 1560 mg paliperidone palmitate
	paliperidone palmitate
	1000 mg paliperidone
	PP6M

Manufacturer or supplier's details

Company name of supplier		Janssen Pharmaceuticals, Inc.
Address	:	1125 Trenton-Harbourton Rd Titusville NJ 08560
		USA
Telephone	:	+16097302000
E-mail address of person responsible for the SDS	:	SDSJanssen@its.jnj.com
Emergency telephone number	:	CHEMTREC US: 1-800-424-9300 CHEMTREC International: +1 703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use	 Finished Pharmaceutical Product Pharmacotherapeutic group: Psycholeptics This SDS is only intended for occupational use and not for consumer use (see patient packaging insert for consumer use). This SDS is written to provide environmental, health and safety information for personnel that will be handling this finished pharmaceutical product. For health and safety information during manufacturing of this product we refer to the appropriate SDS for each component. This dosage form is not exempt from the requirements of the OSHA Hazard Communication Standard (US OSHA Standard
	OSHA Hazard Communication Standard (US OSHA Standard 29 CFR Part 1910.1200).

SECTION 2. HAZARDS IDENTIFICATION

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

Acute toxicity (Oral)	:	Category 3
Skin irritation	:	Category 2
Eye irritation	:	Category 2A



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00	label elements rd pictograms		
Signa	l word	: Danger	
Hazaı	d statements	: H301 Toxic if swallow H315 Causes skin irrit H319 Causes serious	ation.
Preca	utionary statements		ughly after handling. or smoke when using this product. gloves/ eye protection/ face protection.
		POISON CENTER/ dc P302 + P352 IF ON S P305 + P351 + P338 I for several minutes. R to do. Continue rinsing P332 + P313 If skin irr attention. P337 + P313 If eye irr attention.	KIN: Wash with plenty of soap and wate IF IN EYES: Rinse cautiously with water emove contact lenses, if present and ea
		Storage: P405 Store locked up.	
		Disposal: P501 Dispose of conte disposal plant.	ents/ container to an approved waste

Refer to the pharmacotherapeutic group (section 1.2) and the patient packaging insert to evaluate the possible workplace hazards when this Finished Pharmaceutical Product is accidently leaking, broken or crushed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical nature :	:	Liquid
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Components

Chemical name	CAS-No.	Concentration (% w/w)



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			199739-10-1	>= 30 - < 50
	ETHYLENE GLYCOL		25322-68-3	>= 50 - < 30
	n hydroxide	4000	1310-73-2	>= 0.5 - < 1
	concentration is with	neld as		2= 0.5 < 1
, lotaa				
	4. FIRST AID MEASU	IRES		
lf inha	led		If breathed in, move p Consult a physician.	erson into fresh air.
In cas	e of skin contact		Wash off with soap ar	
			If symptoms persist, c	all a physician.
In cas	e of eye contact		Remove contact lense Rinse immediately wit for at least 5 minutes. If eye irritation persists	h plenty of water, also under the eyelids
If swa	llowed		If swallowed, rinse mo conscious). Call a physician imme	outh with water (only if the person is ediately.
	mportant symptoms fects, both acute and ed		Toxic if swallowed. Causes skin irritation. Causes serious eye ir asthenia amenorhea Abdominal pain anxiety Back pain constipation Cough Diarrhoea Dizziness depression decrease in appetite Fatigue hypertension headache hyperglycemia injection site reactions insomnia musculoskeletal pain nausea nasal congestion Parkinsonism pyrexia sedation tachycardia Tremors Vomiting	



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		upper respiratory tract infectior urinary tract infection weight increase weight decrease Akathisiac	

hyperprolactinaemiab

agitation dystoniac dyskinesiac

influenza

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	:	No hazardous combustion products are known
Further information	:	No information available.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	In the event of an accidental release the emergency response team must respond based on a risk assessment and use personal protective equipment as appropriate. Evacuate personnel to safe areas.
Environmental precautions	:	Should not be released into the environment. Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	:	Large spills: Dam up. Soak up with inert absorbent material. Keep in properly labelled containers. Small spills: Gently cover the spill with an absorbent towel or pad. Large spills + Small spills: Keep in suitable, closed containers for disposal. Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	No data available
Advice on safe handling	:	Avoid inhalation, ingestion and contact with skin and eyes. To avoid thermal decomposition, do not overheat. Do not break, crush or spill this Finished Pharmaceutical



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Condit	ions for safe storage	ventilated place. Store in original container	d sources of ignition. osed in a dry, cool and well-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
PALIPERIDONE PALMITATE	199739-10-1	TWA	0.007 mg/m3	J&J OEL/PBOEL HHC
		PBOEL-HHC	3 A	J&J OEL/PBOEL HHC
	HHC. This sub		hazard banding nota ied by J&J as being F	
	3A.			
POLYETHYLENE GLYCOL 4000	3A. 25322-68-3	TWA (aerosol)	10 mg/m3	US WEEL
			10 mg/m3 2 mg/m3	US WEEL ACGIH
4000	25322-68-3	(aerosol)		
4000	25322-68-3	(aerosol) C	2 mg/m3	ACGIH
4000	25322-68-3	(aerosol) C TWA	2 mg/m3 2 mg/m3	ACGIH ACGIH

Components with workplace control parameters

Engineering measures

: All personal protective equipment should be based on a risk assessment. Consult a Environment Health Safety expert if necessary.

If this product is processed not in accordance with the prescribed use, contact the Industrial Hygiene / Environment Health Safety Expert to assess the situation. Validated Industrial Hygiene Analytical methods are developed to monitor and quantify inhalable exposure to the Active Pharmaceutical Ingredient. For more information contact Bureau Veritas Laboratories - Lake Zurich (BV_LZLab@bureauveritas.com) or the Laboratory of Occupational and Environmental Hygiene (lamh.be).



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Perso	onal protective equip	ment	:	
Resp	iratory protection	:	No personal respiratory protect required.	ctive equipment normally
M	protection aterial emarks	:	Nitrile rubber Take note of the information g concerning permeability and b special workplace conditions (contact). Impervious gloves	reak through times, and of
Eye p	protection	:	No special precautions require	ed.
Skin	and body protection	:	closed work clothing	
Hygie	ene measures	:	Handle in accordance with go practice. Wash hands before breaks an When using do not eat, drink o	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	white, to, off-white
Odour	:	No data available
рН	:	No data available
Melting point/ range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	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
Relative density	:	No data available
Density	:	No data available



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Solubility(i <u>Wate</u>	es) <u>r solubility</u>	: No data available	
Viscosity <u>Visco</u>	<u>sity, dynamic</u>	: No data available	
<u>Visco</u>	sity, kinematic	: No data available	
Explo	sive properties	: No data available	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	None reasonably foreseeable.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	To avoid thermal decomposition, do not overheat.
Incompatible materials	:	None known.
Hazardous decomposition products	:	None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity		
Product:		
Acute oral toxicity	:	Acute toxicity estimate: 208.33 mg/kg Method: Calculation method
Components:		
PALIPERIDONE PALMITATE	Ε:	
Acute oral toxicity	:	LD50 (Rat): 65 mg/kg Remarks: Information given is based on data obtained from similar substances.
POLYETHYLENE GLYCOL 4	100	0:
Acute oral toxicity	:	LD50 Oral (Rat): > 15,000 mg/kg
Acute inhalation toxicity	:	Remarks: No data available
Acute dermal toxicity	:	Remarks: No data available



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sodiu	m hydroxide:			
	oral toxicity	:	Remarks: No data available	
Acuto	inhalation toxicity		Remarks: No data available	
	-	•		
Acute	dermal toxicity	:	Remarks: No data available	
	toxicity (other routes of istration)	:	Remarks: No data available	
Skin d	corrosion/irritation			
<u>Comp</u>	onents:			
POLY	ETHYLENE GLYCOL 4	000):	
Result	t	:	No skin irritation	
aadiu	m hudrovido.			
	m hydroxide:		Dathit	
Specie Result		:	Rabbit Corrosive to skin	
Rema		:	Classification according to Reg	ulation 1272/2008 Annex \/I
POLY	onents: ETHYLENE GLYCOL 4	000		
Result	t	:	No eye irritation	
sodiu	m hydroxide:			
Specie	-	:	Rabbit	
Result		:	Corrosive	
Respi	ratory or skin sensitis	atic	n	
Comp	oonents:			
POLY	ETHYLENE GLYCOL 4	000):	
Result		:		
sodiu	m hydroxide:			
Specie	-		human	
Result		:	Does not cause skin sensitisati	ion.
Germ	cell mutagenicity			
	onents:			
<u></u>				

PALIPERIDONE PALMITATE:



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Geno	otoxicity in vitro	N m	est Type: Ames test lethod: Mutagenicity (Salmone nutation assay) esult: negative	ella typhimurium - reverse
			est Type: A mouse lymphoma esult: negative	test
Geno	otoxicity in vivo		est Type: In vivo micronucleus esult: negative	stest
	n cell mutagenicity - ssment	: A	nimal testing did not show any	/ mutagenic effects.
POL	YETHYLENE GLYCOI	_ 4000:		
Germ			lot mutagenic in Ames Test	
sodiu	um hydroxide:			
Geno	otoxicity in vivo		esult: negative emarks: No significant advers	e effects were reported
	n cell mutagenicity - ssment		lo evidence of mutagenicity ba tudies and expert judgment.	sed on in vitro and in vivo
Carc	inogenicity			
<u>Com</u>	ponents:			
PALI	PERIDONE PALMITA	TE:		
	nogenicity - ssment	: A	nimal testing did not show any	/ carcinogenic effects.
POL	YETHYLENE GLYCOI	_ 4000:		
	nogenicity - ssment	: N	lo information available.	
sodiu	um hydroxide:			
Carci	nogenicity - ssment	: N	lo information available.	
IARC			is product present at levels gro le, possible or confirmed huma	
OSH			is product present at levels groups and the second s	eater than or equal to 0.1% is
NTP			is product present at levels gre n or anticipated carcinogen by	



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Repro	ductive toxicity			
<u>Comp</u>	onents:			
PALIP	PERIDONE PALMITATE	Ε:		
Repro Asses	ductive toxicity - sment	:	Animal testing did not show an	y effects on fertility.
Terato	genicity - Assessment	:	Ingestion of excessive amount in maternal and foetal toxicity.	s by pregnant animals resulted
POLY	ETHYLENE GLYCOL 4	100	0:	
Terato	ogenicity - Assessment	:	No information available.	
sodiu	m hydroxide:			
Repro Asses	ductive toxicity - sment	:	No information available.	
Terato	genicity - Assessment	:	No information available.	
STOT	- single exposure			
<u>Comp</u>	onents:			
POLY Rema	ETHYLENE GLYCOL 4 rks	100 (0: No data available	
	- repeated exposure ta available			
-	ated dose toxicity ta available			
•	ation toxicity ta available			
-	ience with human exp ta available	osı	lre	
	ology, Metabolism, Dis ta available	stril	bution	
	logical effects ta available			
Furthe	er information			
<u>Produ</u> Rema		:	No data available	
	health hazards ta available			



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity					
Components:					
PALIPERIDONE PALMITATE:					
Toxicity to fish	:	Remarks: No data available			
POLYETHYLENE GLYCOL 4000:					
Toxicity to fish	:	(Leuciscus idus (Golden orfe)): > 10 g/l Exposure time: 48 h Test Type: LC50 Method: DIN 38412			
sodium hydroxide:					
Toxicity to fish	:	LC50 (Gambusia affinis (Mosquito fish)): 125 mg/l Exposure time: 96 h			
		LC50 (Poecilia reticulata (guppy)): 145 mg/l Exposure time: 24 h			
		LC50 (Fish): 196 mg/l Exposure time: 96 h			
		LC50 (Carassius auratus (goldfish)): 160 mg/l Exposure time: 24 h			
		LC50 (Leuciscus idus (Golden orfe)): 189 mg/l Exposure time: 48 h			
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 76 mg/l Exposure time: 24 h			
		EC50 (Ceriodaphnia dubia (water flea)): 40 mg/l Exposure time: 48 h			
		LC50 (Biomphalaria a. alexandrina (snail)): 450 mg/l Exposure time: 96 h			
		LC50 (Bulinus truncatus (snail)): 150 mg/l Exposure time: 96 h			
		LC50 (Lymnaea caillaudi (snail)): 150 mg/l Exposure time: 96 h			
Toxicity to microorganisms	:	EC50 (Photobacterium phosphoreum): 22 mg/l Exposure time: 15 min			



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Persi	stence and degradab	ility		
<u>Comp</u>	oonents:			
PALI	PERIDONE PALMITA	TE:		
Biode	gradability	:	Remarks: No data available	
POLY	ETHYLENE GLYCOL	. 400	0:	
Biode	gradability	:	Biodegradation: > 95 % Exposure time: 23 d	
Chem (COD	ical Oxygen Demand)	:	1,740 mg/g Method: DIN 38409-H-41	
Bioac	cumulative potential			
<u>Comp</u>	oonents:			
PALI	PERIDONE PALMITA	TE:		
Bioac	cumulation	:	Remarks: No data available	
	on coefficient: n- ol/water	:	Remarks: No data available	
POLY	ETHYLENE GLYCOL	. 400	0:	
Bioac	cumulation	:	Remarks: No data available	
Mobil	ity in soil			
Comp	oonents:			
PALI	PERIDONE PALMITA	TE:		
	oution among onmental compartment		Remarks: No data available	
POLY	ETHYLENE GLYCOL	. 400	0:	
	oution among onmental compartment		Remarks: No data available	
Other	adverse effects			
<u>Produ</u> Additi inform	onal ecological	:	No data available	
<u>Com</u> r	oonents:			
-	PERIDONE PALMITA	TE:		
FALI				



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asses	ssment		
	ional ecological nation	: No data available	
POLY	ETHYLENE GLYCOL	. 4000:	
	Its of PBT and vPvB ssment	: No information availab	ble.
	ional ecological nation	: No data available	

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods Waste from residues	:	In accordance with National, Federal, State and Local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG		
UN number	:	UN 1851
Proper shipping name	:	MEDICINE, LIQUID, TOXIC, N.O.S. (paliperidone palmitate)
Class	:	6.1
Packing group	:	III
Labels	:	6.1
IATA-DGR		
UN/ID No.	:	UN 1851
Proper shipping name	:	Medicine, liquid, toxic, n.o.s.
		(paliperidone palmitate)
Class	:	6.1
Packing group	:	
Labels	:	6.1
Packing instruction (cargo aircraft)	:	663
Packing instruction (LQ)	:	Y642
Packing instruction (EQ)	:	E1
Packing instruction	:	655
(passenger aircraft)		
Packing instruction (LQ)	:	Y642
Remarks	:	This substance can be shipped under 'de minimi's quantities' provisions if the net quantity per inner package <= 1mL for



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		package does not ex	olids and the net quantity per outer ceed 100mL for liquids or 100g for solids jing provisions of IATA DGR §2.6.10 are		
IMDO	G-Code				
UN n	umber	: UN 1851			
Prope	er shipping name	: MEDICINE, LIQUID, (paliperidone palmita			
Class	5	: 6.1	6.1		
Pack	ing group	: 111	III		
Labe		: 6.1	: 6.1		
EmS	Code	: F-A, S-A			
Marir	ne pollutant	: no			
Rema	arks	provisions if the net of liquids or <= 1g for so package does not ex	be shipped under 'de minimi's quantities' quantity per inner package <= 1mL for olids and the net quantity per outer ceed 100mL for liquids or 100g for solids jing provisions of ADR/RID/ADN/IMDG		

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

Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number	:	UN 1851
Proper shipping name	:	Medicine, liquid, toxic, n.o.s. (paliperidone palmitate)
Class	:	6.1
Packing group	:	III
Labels	:	6.1
ERG Code	:	151
Marine pollutant	:	no
Remarks	:	This substance can be shipped under 'de minimi's quantities' provisions if the net quantity per inner package <= 1mL for liquids or <= 1g for solids and the net quantity per outer package does not exceed 100mL for liquids or 100g for solids and provided packaging provisions of 49 CFR 173.4b are met.

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

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.



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SAR	A 313	known CAS numbers th	contain any chemical components with hat exceed the threshold (De Minimis) shed by SARA Title III, Section 313.			
US St	tate Regulations					
Mass	achusetts Right To	Know				
	No components are subject to the Massachusetts Right to Know Act.					
Penn	Pennsylvania Right To Know					
	water		7732-18-5			
	PALIPERIDONE	=	199739-10-1			
	sodium hydroxic	IE GLYCOL 4000	25322-68-3 1310-73-2			
N	-	1310-73-2				
New	Jersey Right To Kno	DW				
	water		7732-18-5			
			199739-10-1			
		IE GLYCOL 4000	25322-68-3			
	TWEEN 20		9005-64-5			
New	York City Hazardou	s Substances				
	sodium hydroxic	le	1310-73-2			
Califo	California Prop. 65					

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

The components of this product are reported in the following inventories:

: This product is not subject to TSCA and TSCA 12(b) Export notification because Food, Drugs and cosmetic products are exempt.

Other regulations

Restricted to professional users.

This product is not subject to TSCA and TSCA 12(b) Export notification because Food, Drugs and cosmetic products are exempt.

Medicinal products in the finished state, intended for the final user, are not subject to GHS labeling.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH	:	US. ACGIH Threshold Limit Values
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
J&J OEL/PBOEL HHC	:	J&J OEL/PBOEL HHC
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated



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US WE ACGIH ACGIH J&J OE J&J OE	OSHA Z-1 US WEEL ACGIH / TWA ACGIH / C J&J OEL/PBOEL HHC / TWA J&J OEL/PBOEL HHC / PBOEL-HHC		values) USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants USA. Workplace Environmental Exposure Levels (WEEL) Time weighted average Ceiling limit Time weighted average PBOEL-HHC	
NIOSH REL / C OSHA P0 / C OSHA Z-1 / TWA US WEEL / TWA		:	Ceiling value not be exceeded a Ceiling limit 8-hour time weighted average 8-hr TWA	at any time.

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

Revision Date :

Date and Number Formats

2024/09/18



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This document uses the following notation for printing dates and numbers:						

Date:	Dec 31th, 2012	as	2012/12/31
Numbers:	123456,78	as	123,456.78

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.

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