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SECTION 1. IDENTIFICATION

Substance name	: INVEGA 6-months, 1092 mg paliperidone palmitate
	paliperidone palmitate
	700 mg paliperidone
	PP6M

Manufacturer or supplier's details

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

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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	label elements rd pictograms		
Signa	l word	: Danger	
Hazai	rd statements	: H301 Toxic if swallowe H315 Causes skin irrit H319 Causes serious	ation.
Preca	utionary statements	P280 Wear protective Response: P301 + P310 + P330 I POISON CENTER/ do P302 + P352 IF ON SI P305 + P351 + P338 I	c or smoke when using this product. gloves/ eye protection/ face protection. F SWALLOWED: Immediately call a octor. Rinse mouth. KIN: Wash with plenty of soap and water F IN EYES: Rinse cautiously with water
		to do. Continue rinsing P332 + P313 If skin irr attention. P337 + P313 If eye irri attention.	emove contact lenses, if present and eas g. itation occurs: Get medical advice/ itation persists: Get medical advice/ inated clothing and wash before reuse.
		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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	RIDONE PALMITAT		199739-10-1	>= 30 - < 50
POLYE	THYLENE GLYCOL	4000	25322-68-3	>= 5 - < 10
sodium	hydroxide		1310-73-2	>= 0.5 - < 1
Actual c	concentration is withh	eld a	s a trade secret	
CTION 4.	FIRST AID MEASU	RES		
lf inhale	d	:	If breathed in, move p Consult a physician.	erson into fresh air.
In case	of skin contact	:	Take off contaminated Wash off with soap an If symptoms persist, c	
In case	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
lf swalld	owed	:	If swallowed, rinse mo conscious). Call a physician imme	uth with water (only if the person is diately.
	portant symptoms acts, both acute and	:	Toxic if swallowed. Causes skin irritation. Causes serious eye irri insomnia pyrexia asthenia Fatigue injection site reactions amenorhea musculoskeletal pain Back pain Abdominal pain Vomiting Nausea constipation Diarrhoea Cough nasal congestion hypertension tachycardia Parkinsonism sedation Dizziness Tremors headache depression anxiety hyperglycemia weight increase	



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		weight decrease decrease in appetite upper respiratory tract infection urinary tract infection 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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Conditi	ions for safe storage	: Keep away from heat ar Keep containers tightly ventilated place. Store in original contain	closed 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
			hazard banding nota ied by J&J as being F	
	3A.		,	PROFL HHC
POLYETHYLENE GLYCOL 4000		TWA (aerosol)	10 mg/m3	US WEEL
	3A.	TWA		
4000	3A. 25322-68-3	TWA (aerosol)	10 mg/m3	US WEEL
4000	3A. 25322-68-3	TWA (aerosol) C	10 mg/m3 2 mg/m3	US WEEL ACGIH
4000	3A. 25322-68-3	TWA (aerosol) C TWA	10 mg/m3 2 mg/m3 2 mg/m3	US WEEL 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.	ive equipment normally
M	protection aterial emarks	:	Nitrile rubber Take note of the information giv concerning permeability and br special workplace conditions (n contact). Impervious gloves	eak through times, and of
Eye p	protection	:	No special precautions required	d.
Skin	and body protection	:	closed work clothing	
Hygie	ene measures	:	Handle in accordance with goo practice. Wash hands before breaks and When using do not eat, drink o	at the end of workday.

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>	sity, dynamic	: No data available	
<u>Visco</u>	<u>sity, kinematic</u>	: 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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sodiur	n hydroxide:			
Acute of	oral toxicity	:	Remarks: No data available	
Acute i	nhalation toxicity	:	Remarks: No data available	
Acute of	dermal toxicity	:	Remarks: No data available	
	toxicity (other routes of stration)	:	Remarks: No data available	
Skin c	orrosion/irritation			
Compo	onents:			
POLYE	ETHYLENE GLYCOL 4	000	D:	
Result		:	No skin irritation	
sodiur	n hydroxide:			
Specie		:	Rabbit	
Result Remar		÷	Corrosive to skin Classification according to Reg	ulation 1070/2008 Appay V/
	is eye damage/eye irri	tati	on	
Seriou <u>Compo</u>	onents: ETHYLENE GLYCOL 4			
Seriou <u>Compo</u> POLYE Result	onents: ETHYLENE GLYCOL 4		D:	
Seriou Compo POLYE Result sodium	onents: ETHYLENE GLYCOL 4 n hydroxide:): No eye irritation	
Seriou <u>Compo</u> POLYE Result	onents: ETHYLENE GLYCOL 4 n hydroxide:		D:	
Seriou Compo POLYE Result Sodium Specie Result	onents: ETHYLENE GLYCOL 4 n hydroxide:	- 00(: :): No eye irritation Rabbit Corrosive	
Seriou Compo POLYE Result Specie Result Respir	onents: ETHYLENE GLYCOL 4 n hydroxide: s	- 00(: :): No eye irritation Rabbit Corrosive	
Seriou Compo POLYE Result Specie Result Respir Compo	onents: ETHYLENE GLYCOL 4 n hydroxide: S ratory or skin sensitis	.000 : : :	D: No eye irritation Rabbit Corrosive	
Seriou Compo POLYE Result Specie Result Respir Compo	onents: ETHYLENE GLYCOL 4 n hydroxide: s ratory or skin sensitist onents: ETHYLENE GLYCOL 4	.000 : : :	D: No eye irritation Rabbit Corrosive	
Seriou Compo POLYE Result Specie Result Respir Compo POLYE Result	onents: ETHYLENE GLYCOL 4 n hydroxide: s ratory or skin sensitist onents: ETHYLENE GLYCOL 4	:000 : : : : : :	D: No eye irritation Rabbit Corrosive Dn	
Seriou Compo POLYE Result Specie Result Respir Compo POLYE Result	onents: ETHYLENE GLYCOL 4 n hydroxide: s ratory or skin sensitist onents: ETHYLENE GLYCOL 4 n hydroxide:	:000 : : : : : :	D: No eye irritation Rabbit Corrosive Dn	on.
Seriou Compo POLYE Result Specie Result Respir Compo POLYE Result Specie Result	onents: ETHYLENE GLYCOL 4 n hydroxide: s ratory or skin sensitist onents: ETHYLENE GLYCOL 4 n hydroxide:	:000 : : : : : :	D: No eye irritation Rabbit Corrosive Dn D: Not a sensitizer human	on.

PALIPERIDONE PALMITATE:



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Geno	toxicity in vitro	: Test Type: Ar Method: Muta mutation assa Result: negat	igenicity (Salmonella typhimurium - reverse ay)	
		Test Type: A Result: negat	mouse lymphoma test ive	
		: Test Type: In Result: negat	e: In vivo micronucleus test egative	
	cell mutagenicity - ssment	: Animal testing	g did not show any mutagenic effects.	
POLY	ETHYLENE GLYCO	_ 4000:		
	cell mutagenicity - ssment	: Not mutageni	c in Ames Test	
sodiu	ım hydroxide:			
Geno	toxicity in vivo	: Result: negat Remarks: No	ive significant adverse effects were reported	
	cell mutagenicity - ssment		of mutagenicity based on in vitro and in vivo xpert judgment.	
Carci	nogenicity			
<u>Com</u>	oonents:			
PALI	PERIDONE PALMITA	TE:		
	nogenicity - ssment	: Animal testing	g did not show any carcinogenic effects.	
POLY	ETHYLENE GLYCO	_ 4000:		
	nogenicity - ssment	: No informatio	n available.	
sodiu	ım hydroxide:			
	nogenicity - ssment	: No informatio	n available.	
IARC			esent at levels greater than or equal to 0.1% is or confirmed human carcinogen by IARC.	
OSH/		ent of this product pr list of regulated carc	esent at levels greater than or equal to 0.1% is inogens.	
NTP		ent of this product pr s a known or anticipa	esent at levels greater than or equal to 0.1% is	



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Repro	oductive toxicity		
<u>Comp</u>	oonents:		
PALIF	PERIDONE PALMITATI	:	
•	ductive toxicity - sment	: Animal testing did not	show any effects on fertility.
Terato	ogenicity - Assessment	: Ingestion of excessive in maternal and foetal	e amounts by pregnant animals resulted toxicity.
POLY	ETHYLENE GLYCOL 4	000:	
Terato	ogenicity - Assessment	: No information availal	ble.
sodiu	m hydroxide:		
	ductive toxicity - sment	: No information availal	ble.
Terato	ogenicity - Assessment	: No information availal	ble.
STOT	- single exposure		
<u>Comp</u>	onents:		
POLY Rema	ETHYLENE GLYCOL 4 rks	000: : No data available	
	- repeated exposure ta available		
-	ated dose toxicity ta available		
-	ation toxicity ta available		
-	ience with human exp ta available	osure	
	ology, Metabolism, Dis ta available	tribution	
	blogical effects ta available		
Furth	er information		
<u>Prodι</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 40	000):
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:			
PALIF		ГΕ:		
Biode	gradability	:	Remarks: No data available	
POLY	ETHYLENE GLYCOL	400	0:	
Biode	gradability	:	Biodegradation: > 95 % Exposure time: 23 d	
Chem (COD	iical Oxygen Demand)	:	1,740 mg/g Method: DIN 38409-H-41	
Bioad	cumulative potential			
Comp	oonents:			
PALI		ГΕ:		
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	lity in soil			
<u>Comp</u>	oonents:			
PALIF	PERIDONE PALMITA	ГΕ:		
Distrik envirc	oution among onmental compartments		Remarks: No data available	
POLY	ETHYLENE GLYCOL	400	0:	
	oution among onmental compartment		Remarks: No data available	
Other	adverse effects			
<u>Produ</u> Additi	onal ecological	:	No data available	
<u>Com</u>	oonents:			
PALIF		ГΕ:		
Resul	ts of PBT and vPvB	:	No information available.	



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asses	ssment		
	ional ecological nation	: No data available	
POLY	ETHYLENE GLYCOL	. 4000:	
	lts of PBT and vPvB ssment	: No information availab	ole.
	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 e and provided packa met.This substance quantities' provision 1mL for liquids or < outer package does	solids and the net quantity per outer exceed 100mL for liquids or 100g for solids aging provisions of IATA DGR §2.6.10 are e can be shipped under 'de minimi's ns if the net quantity per inner package <= tail for solids and the net quantity per s not exceed 100mL for liquids or 100g for d packaging provisions of IATA DGR
IMDG	i-Code		
-	umber er shipping name	: UN 1851 : MEDICINE, LIQUIE (paliperidone palm	
Label EmS	ng group s Code e pollutant	 6.1 III 6.1 F-A, S-A no This substance car provisions if the ne liquids or <= 1g for package does not e and provided packa §3.5.1.4 are met.TI minimi's quantities' package <= 1mL for quantity per outer p or 100g for solids a 	t pe shipped under 'de minimi's quantities' t quantity per inner package <= 1mL for solids and the net quantity per outer exceed 100mL for liquids or 100g for solids aging provisions of ADR/RID/ADN/IMDG his substance can be shipped under 'de provisions if the net quantity per inner or liquids or <= 1g for solids and the net backage does not exceed 100mL for liquids and provided packaging provisions of DG §3.5.1.4 are met.
Trans	sport in bulk accord		DL 73/78 and the IBC Code
	pplicable for product	-	
Natio	nal Regulations		
	F R D/NA number er shipping name	: UN 1851 : Medicine, liquid, to: (paliperidone palm	

Class Packing group Labels ERG Code Marine pollutant Remarks UN 1851 Medicine, liquid, toxic, n. (paliperidone palmitate) 6.1 III 6.1 151 no This substance can be s

1

2

:

:

:

1

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.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



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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.

:

SARA	313
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This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

water PALIPERIDONE PALMITATE POLYETHYLENE GLYCOL 4000 sodium hydroxide	7732-18-5 199739-10-1 25322-68-3 1310-73-2
New Jersey Right To Know	
water PALIPERIDONE PALMITATE POLYETHYLENE GLYCOL 4000 TWEEN 20	7732-18-5 199739-10-1 25322-68-3 9005-64-5
New York City Hazardous Substances	
sodium hydroxide	1310-73-2

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.



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

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



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(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 : 2024/09/18

Date and Number Formats

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					

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