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SECTION	1. IDENTIFICATION			
Prod	luct name	:	MasterBrace 606	3 UW PART B
Proc	luct code	:	00000000005167	7532 00000000051677532
Manufacturer or supplier's			ails	
Com	pany name of supplier	:	Master Builders-(US, LLC	Construction Systems
Addı	ess	:	23700 CHAGRIN Beachwood OH 4	
Eme	rgency telephone	:	ChemTel: +1-813	3-248-0585
Rec	ommended use of the	cher	nical and restricti	ons on use
Reco	ommended use	:	Product for const	ruction chemicals
Rest	rictions on use	:	Reserved for indu	ustrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accord Skin corrosion/irritation	lan :	ce with 29 CFR 1910.1200 Category 1B
Serious eye damage/eye irritation	:	Category 1
Skin sensitization	:	Category 1
Short-term (acute) aquatic hazard	:	Category 2
Long-term (chronic) aquatic hazard	:	Category 2
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H317 May cause an allergic skin reaction. H314 Causes severe skin burns and eye damage. H401 Toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.

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Precautionary Statements		face protection P273 Avoid rele P260 Do not br P272 Contamir the workplace.	ntective gloves/ protective clothing/ eye protectio ease to the environment. reathe dust or mist. nated work clothing should not be allowed out of ce, hands and any exposed skin thoroughly after
		for several min to do. Continue P310 Immediat P303 + P361 + all contaminate P304 + P340 If keep comfortat P301 + P330 + induce vomiting	tely call a POISON CENTER/ doctor/ P353 IF ON SKIN (or hair): Take off immediate ed clothing. Rinse skin with water/ shower. FINHALED: Remove person to fresh air and ble for breathing. P331 IF SWALLOWED: Rinse mouth. Do NOT g. Take off contaminated clothing and wash it before
		Storage: P405 Store loc	ked up.
		Disposal: P501 Dispose of waste collection	of contents/container to appropriate hazardous n point.
Other	hazards ta available.		

Chemical nature : No data available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
2,4,6-	90-72-2	>= 1 - < 5
tris(dimethylaminomethyl)phenol		
Benzyl alcohol	100-51-6	>= 1 - < 7
triethylenetetramine	112-24-3	>= 0.3 - < 1
3,6,9-triazaundecamethylene-1,11-	112-57-2	>= 0 - < 3
diamine		
Bis[(dimethylamino)methyl]phenol	71074-89-0	>= 0.3 - < 1
Fatty acids, tall-oil, reaction products	68953-36-6	>= 10 - < 15
with tetraethylenepentamine		
talc	14807-96-6	>= 25 - < 50

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SECTION	4. FIRST AID MEASU	RES			
General advice		:	Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attend- ance. Do not leave the victim unattended.		
If inhaled		:	If unconscious, place in recovery position and seek medica advice. If symptoms persist, call a physician.		
In case of skin contact		:	wounds from c ty.	dical treatment is necessary as untreated orrosion of the skin heal slowly and with difficu well with water. emove clothes.	
In case of eye contact		:	sue damage au In the case of of of water and se Continue rinsin Remove conta Protect unharn Keep eye wide	contact with eyes, rinse immediately with plent eek medical advice. g eyes during transport to hospital. ct lenses.	
lf swa	llowed	:	Never give any If symptoms pe		
	important symptoms ffects, both acute and ed	:	May cause an Causes serious Causes severe		
Notes	to physician	:	Treat symptom	atically.	

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.

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Furthe	er information	:	must not be disch Fire residues and	ated fire extinguishing water separately. This barged into drains. contaminated fire extinguishing water must accordance with local regulations.
	al protective equipment e-fighters	:	In the event of fire	e, wear self-contained breathing apparatus.
SECTION		۵S		

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Product is not explosive.
		Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Further information on stor-	:	Keep only in the original container in a cool, dry, well-

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age	conditions		ventilated place a Protect from direct	way from ignition sources, heat or flame. ct sunlight.
Mat	erials to avoid	:	Observe VCI stor	age rules.
	ommended storage tem- ture	:	32 °F / 0 °C	
	her information on stor- stability	:	Minimum storage	temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
talc	14807-96-6	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLV
		TWA (Dust)	20 Million parti- cles per cubic foot	OSHA Z-3
		TWA (respir- able dust fraction)	2 mg/m3	OSHA P0
		TWA (Res- pirable)	2 mg/m3	NIOSH REL
		TWA	0.1 fibres per cubic centimeter	ACGIH
		TWA (Res- pirable par- ticulate mat- ter)	2 mg/m3	ACGIH

Engineering measures	:	No applicable information available.
Personal protective equipme Respiratory protection	ent :	When workers are facing concentrations above the occupa- tional exposure limits they must use appropriate certified respirators.
Hand protection		
Remarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
European teation		

Eye protection	:	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	:	Impervious clothing Choose body protection according to the amount and con-

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		centration of th	e dangerous substance at the work place.
Prote	ctive measures	Avoid contact Avoid exposure Handle in acco and safety prac	pases/vapours/aerosols. with the skin, eyes and clothing. e - obtain special instructions before use. rdance with good building materials hygiene ctice. sed work clothing is recommended.
Hygie	ene measures	When using do	not eat or drink. not smoke. efore breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	viscous
Color	:	black
Odor	:	ammonia-like
Odor Threshold	:	No data available
рН	:	slightly alkaline
Melting point	:	No applicable information available.
boiling temperature	:	> 351 °F / > 177 °C (for a component of this mixture)
Flash point	:	243 °F / 117 °C
Evaporation rate	:	not determined
Flammability (solid, gas)	:	not highly flammable Method: derived from flash point
Self-ignition	:	not self-igniting
Upper explosion limit / Upper flammability limit	:	No applicable information available.
Lower explosion limit / Lower flammability limit	:	dropped
Vapor pressure	:	No data available
Relative vapor density	:	Heavier than air.
Relative density	:	No applicable information available.

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	Density	1	:	1.7 g/cm3 (68 °F	/ 20 °C)
	Solubili Wat	ty(ies) er solubility	:	insoluble (68 °F	/ 20 °C)
	Solu	ubility in other solvents	:	No applicable info	ormation available.
	Partitio octanol	n coefficient: n- /water	:	not applicable for	mixtures
	Autoigr	nition temperature	:	No data available)
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-
	Viscosi Visc	ty cosity, dynamic	:	not determined	
	Visc	cosity, kinematic	:	No applicable info	ormation available.
	Explosi	ve properties	:	Not explosive Not explosive	
	Oxidiziı	ng properties	: Based on its structural properties the product is not o as oxidizing.		ctural properties the product is not classified
	Sublim	ation point	:	No applicable info	ormation available.
	Molecu	lar weight	:	No data available)
	Metal c	orrosion rate	:	Corrosive effects	to metal are not anticipated.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids Strong bases Strong oxidizing agents Strong reducing agents
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

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ECTION	11. TOXICOLOGICA	L INFORMATION	
Acute	e toxicity		
	assified based on ava	ilable information.	
Produ	uct:		
Acute	oral toxicity	: Remarks: No a	pplicable information available.
Acute	inhalation toxicity	: Remarks: No a	pplicable information available.
Acute	dermal toxicity	: Remarks: No a	pplicable information available.
-	corrosion/irritation		
	es severe burns.		
Produ Rema		: Extremely corro	osive and destructive to tissue.
	us eye damage/eye i es serious eye damag		
Produ			
Rema		: May cause irre	versible eye damage.
Respi	iratory or skin sensi	tization	
•••••	sensitization		
-	ause an allergic skin	reaction.	
-	iratory sensitization assified based on ava	ilable information	
<u>Produ</u> Rema		: Causes sensiti	zation.
-			
	cell mutagenicity assified based on ava	ilable information	
	nogenicity		
	assified based on ava	ilable information.	
Repro	oductive toxicity		
Not cl	assified based on ava	ilable information.	
	-single exposure assified based on ava	ilable information	
	-repeated exposure assified based on ava	ilable information.	
Aspir	ation toxicity		
-	assified based on ava	ilable information.	

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<u>Produ</u>	<u>ict:</u>			
No as	piration hazard expe	cted.		
<u>Comp</u>	onents:			
3,6,9-	triazaundecamethy	lene-1	,11-diamine:	
Not ap	oplicable			
- •	limethylamino)meth oplicable	nyl]pho	enol:	
talc:				
Not ap	oplicable			
Furth	er information			
<u>Produ</u>	<u>ict:</u>			
Rema	rks	:	No data availab	e
	12. ECOLOGICAL II	NFORI	MATION	
Ecoto	12. ECOLOGICAL II exicity eonents:	NFORI	MATION	
Ecoto <u>Comp</u>	oxicity ponents:			ethylenepentamine:
Ecoto <u>Comp</u> Fatty	oxicity ponents:		oducts with tetra LC50 (zebra fisl	n): 0.19 mg/l
Ecoto <u>Comp</u> Fatty	oxicity p <u>onents:</u> acids, tall-oil, react		oducts with tetra LC50 (zebra fisl Exposure time: Test Type: statio	n): 0.19 mg/l 96 h c
Ecoto <u>Comp</u> Fatty	oxicity p <u>onents:</u> acids, tall-oil, react		oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit	n): 0.19 mg/l 96 h c oring: yes
Ecoto <u>Comp</u> Fatty	oxicity p <u>onents:</u> acids, tall-oil, react		oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar	n): 0.19 mg/l 96 h oring: yes Analogous: Assessment derived from prod- chemical character.
Ecoto <u>Comp</u> Fatty	oxicity p <u>onents:</u> acids, tall-oil, react		oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod-
Ecoto <u>Comp</u> Fatty	oxicity p <u>onents:</u> acids, tall-oil, react		oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test
Ecoto Comp Fatty Toxici	ponents: acids, tall-oil, react ty to fish ty to daphnia and oth	ion pr	oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s lytically determin EC50 (Daphnia	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test tatement of the toxic effect relates to the an ned concentration. magna): 0.18 mg/l
Ecoto Comp Fatty Toxici	oxicity ponents: acids, tall-oil, react ty to fish	ion pr	oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s lytically determin EC50 (Daphnia Exposure time:	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test tatement of the toxic effect relates to the an ned concentration. magna): 0.18 mg/l 48 h
Ecoto Comp Fatty Toxici	ponents: acids, tall-oil, react ty to fish ty to daphnia and oth	ion pr	oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s lytically determin EC50 (Daphnia Exposure time: Test Type: static Analytical monit	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test tatement of the toxic effect relates to the ana hed concentration. magna): 0.18 mg/l 48 h c oring: yes
Ecoto Comp Fatty Toxici	ponents: acids, tall-oil, react ty to fish ty to daphnia and oth	ion pr	oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s lytically determin EC50 (Daphnia Exposure time: Test Type: static Analytical monit Test substance:	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test tatement of the toxic effect relates to the ana hed concentration. magna): 0.18 mg/l 48 h c oring: yes
Ecoto Comp Fatty Toxici	ponents: acids, tall-oil, react ty to fish ty to daphnia and oth	ion pr	oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s lytically determin EC50 (Daphnia Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Daphnia	n): 0.19 mg/l 96 h c oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test tatement of the toxic effect relates to the ana hed concentration. magna): 0.18 mg/l 48 h c oring: yes Analogous: Assessment derived from prod-
Ecoto Comp Fatty Toxici	ponents: acids, tall-oil, react ty to fish ty to daphnia and oth	ion pr	oducts with tetra LC50 (zebra fisl Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Fish, A GLP: yes Remarks: The s lytically determin EC50 (Daphnia Exposure time: Test Type: static Analytical monit Test substance: ucts with similar Method: Daphnia GLP: yes	n): 0.19 mg/l 96 h oring: yes Analogous: Assessment derived from prod- chemical character. cute Toxicity Test tatement of the toxic effect relates to the ana ned concentration. magna): 0.18 mg/l 48 h c oring: yes Analogous: Assessment derived from prod- chemical character.

Toxicity to algae/aquatic
plants:EC50 (green algae): 0.638 mg/lEnd point: Growth rate
Exposure time: 48 h

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		ucts with simila	
		End point: Grov Exposure time: Test Type: stat Analytical mon Test substance ucts with simila	: 48 h ic
	ity to daphnia and other tic invertebrates (Chron- icity)	End point: mor Exposure time: Test Type: sen Analytical mon Test substance	21 d nistatic itoring: yes e: Analogous: Assessment derived from prod- ir chemical character.
		mg/l End point: Rep Exposure time: Test Type: sen Analytical mon Test substance ucts with simila	21 d histatic
Toxic	ity to microorganisms	24 mg/l Exposure time: Test Type: stat Analytical mon Test substance ucts with simila Method: Activa GLP: yes	ic

Persistence and degradability

Components:

Fatty acids, tall-oil, reaction products with tetraethylenepentamine:Biodegradability: aerobic

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		Test substar Biodegradat Exposure tir Method: Clo Test substar	ion: 24 %
Bioad	cumulative potential		
<u>Com</u>	ponents:		
2,4,6-	tris(dimethylaminom	ethyl)phenol:	
	ion coefficient: n- ol/water	log Pow: -0.	(70.7 °F / 21.5 °C) 66 (70.7 °F / 21.5 °C) er (measured)
trieth	ylenetetramine:		
	ion coefficient: n- ol/water	Method: oth GLP: no	65 (77 °F / 25 °C) er (calculated) he data refers to the undissociated form of the
	triazaundecamethyle		
	ion coefficient: n- ol/water	: log Pow: -3.	16
Bis[(d	dimethylamino)methy	l]phenol:	
Partiti	ion coefficient: n-	: log Pow: 1.0	02 (77 °F / 25 °C)
octan	ol/water	Method: oth	er (calculated)
Fatty	acids, tall-oil, reaction	on products with t	etraethylenepentamine:
Bioac	cumulation	: Remarks: S	tudy technically not feasible.
talc:			
	ion coefficient: n- ol/water	: Remarks: N	ot applicable
Mobi	lity in soil		
No da	ata available		
Othe	r adverse effects		
Prod	uct:		
	onal ecological infor-	: An environm	nental hazard cannot be excluded in the event

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	: Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Dispose of in accordance with national, state and local regula-
	tions. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub- stance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

	Benzyl alcohol 3,6,9-triazaundecamethylene-1,11-diamine talc	100-51-6 112-57-2 14807-96-6
New Jers	sey Right To Know	
	3,6,9-triazaundecamethylene-1,11-diamine	112-57-2
	talc	14807-96-6
	carbon black	1333-86-4
0.1111.000	- D	

California Prop. 65

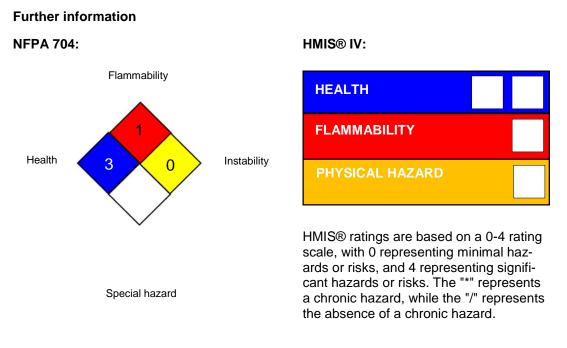
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WARNING: This product can expose you to chemicals including benzene, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

TSCA	:	On the inventory, or in compliance with the inventory
------	---	---

SECTION 16. OTHER INFORMATION



Full text of other abbreviations

ACGIH ACGIHTLV		USA. ACGIH Threshold Limit Values (TLV) American Conference of Governmental Industrial Hygienists - threshold limit values (US)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	:	8-hour, time-weighted average
ACGIHTLV / TWA value	:	Time Weighted Average (TWA):
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA P0 / TWA	:	8-hour time weighted average
OSHA Z-3 / TWA		8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; 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

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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; 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

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