

# MasterSeal TC 235 DARK TAN

Version Revision Date: SDS Number: Date of last issue: -

1.0 06/29/2021 000000790815 Date of first issue: 06/29/2021

**SECTION 1. IDENTIFICATION** 

Product name : MasterSeal TC 235 DARK TAN

Product code : 00000000058408721 00000000058408721

Other means of identification : MSeal TC 235 Dark Tan

Manufacturer or supplier's details

Company name of supplier : Master Builders-Construction Systems

US, LLC

Address : 23700 CHAGRIN BLVD

Beachwood OH 44122

Emergency telephone : ChemTel: +1-813-248-0585

Recommended use of the chemical and restrictions on use

Recommended use : Topcoat

Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

National Emergency

Telephone Number

USA: +1-800-255-3924 ChemTel contract no. MIS9240420

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

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

1910.1200)

Flammable liquids : Category 3

Skin irritation : Category 2

Eye irritation : Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1

Reproductive toxicity : Category 1B

Specific target organ toxicity

- repeated exposure

Category 1 (Central nervous system)

Short-term (acute) aquatic

hazard

Category 3

Long-term (chronic) aquatic

hazard

Category 3



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**GHS** label elements

Hazard pictograms





Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing diffi-

culties if inhaled.

H360 May damage fertility or the unborn child.

H372 Causes damage to organs (Central nervous system)

through prolonged or repeated exposure.

H402 Harmful to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements** 

#### Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

and understood

P210 Keep away from heat/ sparks/ open flames/ hot surfaces.

No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equip-

ment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing must not be allowed out of

the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/

face protection.

P285 In case of inadequate ventilation wear respiratory protec-

tion.

# Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P341 IF INHALED: If breathing is difficult, remove per-

son to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/

attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice/



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attention.

P337 + P313 If eye irritation persists: Get medical advice/ atten-

tion.

P362 Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alco-

hol-resistant foam to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste dis-

posal plant.

Other hazards

None known.

#### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : polyurethane

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
4,4'-methylenedicyclohexyl diisoncy-	5124-30-1	>= 10 - < 20
anate		
talc	14807-96-6	>= 10 - < 20
4-Chloro-α,α,α-trifluorotoluene	98-56-6	>= 5 - < 10
Stoddard solvent	8052-41-3	>= 5 - < 10
Calcium sulphate	7778-18-9	>= 5 - < 10
Titanium dioxide	13463-67-7	>= 0.1 - < 1
bis(1,2,2,6,6-pentamethyl-4-	41556-26-7	>= 0.1 - < 1
piperidyl)sebacate		
dibutyltin dilaurate	77-58-7	>= 0.1 - < 1
Methyl 1,2,2,6,6-pentamethyl-4-	82919-37-7	>= 0.1 - < 1
piperidyl sebacate		

Actual concentration is withheld as a trade secret

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

General advice : First aid personnel should pay attention to their own safety.

Immediately remove contaminated clothing.

If inhaled : If difficulties occur after vapour/aerosol has been inhaled,

remove to fresh air and seek medical attention.

In case of skin contact : After contact with skin, wash immediately with plenty of water

and soap.

Under no circumstances should organic solvent be used.

If irritation develops, seek medical attention.

In case of eye contact : Hold eyes open and rinse slowly and gently with water for 15

to 20 minutes. Remove contact lenses, if present, after first 5

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minutes, then continue rinsing.

If eye irritation persists, consult a specialist.

If swallowed Immediately rinse mouth and then drink 200-300 ml of water,

> seek medical attention. Do NOT induce vomiting.

Most important symptoms and effects, both acute and

delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficul-

ties if inhaled.

May damage fertility or the unborn child.

Causes damage to organs through prolonged or repeated

exposure.

Treat symptomatically. Notes to physician

#### **SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Foam

> Water spray Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

water jet

Specific hazards during fire

fighting

See SDS section 10 - Stability and reactivity.

Hazardous combustion prod-

ucts

harmful vapours nitrogen oxides fumes/smoke carbon black carbon oxides

Further information The degree of risk is governed by the burning substance and

the fire conditions.

If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not

allow to reach sewage or effluent systems.

Contaminated extinguishing water must be disposed of in

accordance with official regulations.

for fire-fighters

Special protective equipment : Wear a self-contained breathing apparatus.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- : tive equipment and emer-

gency procedures

Do not breathe vapour/aerosol/spray mists.

Wear eye/face protection.

If exposed to high vapour concentration, leave area immedi-

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ately.

Use personal protective clothing.

Handle in accordance with good building materials hygiene

and safety practice.

Contain contaminated water/firefighting water. **Environmental precautions** 

Do not discharge into drains/surface waters/groundwater.

Methods and materials for

containment and cleaning up

Large spills should be collected mechanically (remove by

pumping) for disposal.

Pick up with inert absorbent material (e.g. sand, earth etc.). Spilled product should be disposed in accordance with all

applicable government regulations.

## **SECTION 7. HANDLING AND STORAGE**

Advice on protection against

fire and explosion

Product is not explosive.

Advice on safe handling Avoid aerosol formation.

Avoid inhalation of mists/vapours.

Avoid skin contact. Avoid contact with eyes.

Further information on stor-

age conditions

Keep only in the original container in a cool, dry, well-

ventilated place away from ignition sources, heat or flame.

Protect from direct sunlight.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
4,4'-methylenedicyclohexyl diisoncyanate	5124-30-1	TWA value	0.005 ppm	ACGIHTLV
		Ceil_Time	0.01 ppm 0.11 mg/m3	NIOSH
		CLV	0.01 ppm 0.11 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	0.005 ppm	ACGIH
		С	0.01 ppm 0.11 mg/m3	NIOSH REL
		С	0.01 ppm 0.11 mg/m3	OSHA P0
talc	14807-96-6	REL value (Respirable)	2 mg/m3	NIOSH
		TWA value (Respirable dust)	2 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value	20 millions of	29 CFR



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	1		particles per cubic	1910.1000
			foot of air	(Table Z-3)
		TWA value	2.4 millions of	29 CFR
		(Respirable)	particles per cubic	1910.1000
		,	foot of air	(Table Z-3)
		TWA value	0.1 mg/m3	29 CFR
		(Respirable)		1910.1000
		, ,		(Table Z-3)
		TWA (Dust)	20 Million parti-	OSHA Z-3
		,	cles per cubic foot	
		TWA (respir-	2 mg/m3	OSHA P0
		able dust		
		fraction)		
		TWA (Res-	2 mg/m3	NIOSH REL
		pirable)		
		TWA	0.1 fibres per	ACGIH
			cubic centimeter	
		TWA (Res-	2 mg/m3	ACGIH
		pirable par-		
		ticulate mat-		
		ter)		
Stoddard solvent	8052-41-3	TWA value	100 ppm	ACGIHTLV
		REL value	350 mg/m3	NIOSH
		Ceil_Time	1,800 mg/m3	NIOSH
		PEL	500 ppm	29 CFR
			2,900 mg/m3	1910.1000
				(Table Z-1)
		TWA value	100 ppm	29 CFR
			525 mg/m3	1910.1000
				(Table Z-1-A)
		TWA	100 ppm	ACGIH
		TWA	350 mg/m3	NIOSH REL
		С	1,800 mg/m3	NIOSH REL
		TWA	500 ppm	OSHA Z-1
		1 7 7 7 7	2,900 mg/m3	0011/12 1
		TWA	100 ppm	OSHA P0
		1 7 7 7	525 mg/m3	OGNATO
Calcium sulphate	7778-18-9	TWA (Res-	5 mg/m3	NIOSH REL
Calcium Sulphate	1110-10-9	pirable)	3 mg/m3	NIOSITIKEE
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total)	15 mg/m3	OSHA Z-1
		`	15 1119/1115	USHA Z-1
		dust) TWA (respir-	5 mg/m3	OSHA Z-1
			5 mg/ms	OSHA Z-T
		able fraction)	15 m m/m 2	OCHA DO
		TWA (Total	15 mg/m3	OSHA P0
		dust)	E manufect O	OCUA DO
		TWA (respir-	5 mg/m3	OSHA P0
		able dust		
		fraction)		
		TWA (Inhal-	10 mg/m3	ACGIH
		able particu-	(Calcium)	
		late matter)		
Titanium dioxide	13463-67-7	TWA (total	15 mg/m3	OSHA Z-1



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		dust)		
		TWÁ (Total dust)	10 mg/m3	OSHA P0
		TWÁ	10 mg/m3 (Titanium dioxide)	ACGIH
dibutyltin dilaurate	77-58-7	TWA value	0.1 mg/m3 (tin (Sn))	ACGIHTLV
		STEL value	0.2 mg/m3 (tin (Sn))	ACGIHTLV
		REL value	0.1 mg/m3 (tin (Sn))	NIOSH
		PEL	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1)
		TWA value	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1-A)
		TWA	0.1 mg/m3 (Tin)	OSHA Z-1
		TWA	0.1 mg/m3 (Tin)	ACGIH
		STEL	0.2 mg/m3 (Tin)	ACGIH
		TWA	0.1 mg/m3 (Tin)	OSHA P0
		TWA	0.1 mg/m3 (Tin)	NIOSH REL

**Engineering measures** : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the occupa-

tional exposure limits they must use appropriate certified

respirators.

Use NIOSH approved respiratory protection.

Hand protection

Remarks : Wear chemical resistant protective gloves. Manufacturer's

directions for use should be observed because of great di-

versity of types.

Eye protection : Tightly fitting safety goggles (chemical goggles).

Skin and body protection : Body protection must be chosen based on level of activity

and exposure.

Protective measures : Do not inhale gases/vapours/aerosols.

Avoid contact with the skin, eyes and clothing.

Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene

and safety practice.

Wearing of closed work clothing is recommended.



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Hygiene measures : When using, do not eat, drink or smoke.

Hands and/or face should be washed before breaks and at

the end of the shift.

At the end of the shift the skin should be cleaned and skin-

care agents applied.

Remove contaminated clothing immediately and clean before

re-use or dispose it if necessary.

Gloves must be inspected regularly and prior to each use.

Replace if necessary (e.g. pinhole leaks).

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Color : dark tan

Odor : mild, aromatic

Odor Threshold : not determined

pH : No data available

Melting point : No data available

Boiling range : 221 - 500 °F / 105 - 260 °C

Flash point : approx. 130.5 °F / 54.7 °C

Method: Standard Method of Test for Flash Point by Setaflash

**Closed Tester** 

Evaporation rate : No data available

Flammability (liquids) : Flammable liquid and vapor.

Method: derived from flash point

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : approx. 1.15 g/cm3 (77 °F / 25 °C)

Method: Relative density



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Solubility(ies)

Water solubility : slightly soluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Autoignition temperature : not determined

Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : approx. 2,000 - 6,000 mPa.s (77 °F / 25 °C)

Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : Not an oxidizer.

Sublimation point : No data available

Molecular weight : No data available

## **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No hazardous reactions if stored and handled as pre-

scribed/indicated.

Chemical stability : The product is stable if stored and handled as pre-

scribed/indicated.

Possibility of hazardous reac-

tions

The product is stable if stored and handled as pre-

scribed/indicated.

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.

#### **SECTION 11. TOXICOLOGICAL INFORMATION**

#### **Acute toxicity**

Not classified based on available information.



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#### Skin corrosion/irritation

Causes skin irritation.

## Serious eye damage/eye irritation

Causes serious eye irritation.

## Respiratory or skin sensitization

## Skin sensitization

May cause an allergic skin reaction.

# Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

## Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

IARC Group 2B: Possibly carcinogenic to humans

4-Chloro-α,α,α-trifluorotoluene 98-56-6

Group 2B: Possibly carcinogenic to humans

Titanium dioxide 13463-67-7

## Reproductive toxicity

May damage fertility or the unborn child.

## STOT-single exposure

Not classified based on available information.

## STOT-repeated exposure

Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

#### **Aspiration toxicity**

Not classified based on available information.

## **Further information**

#### **Product:**

Remarks : Health injuries are not known or expected under normal use.

The product has not been tested. The statements on toxicology have been derived from the properties of the individual

components.

## **SECTION 12. ECOLOGICAL INFORMATION**

## **Ecotoxicity**

#### **Product:**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.



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#### Components:

#### Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:

M-Factor (Acute aquatic tox- : 1

icity)

M-Factor (Chronic aquatic

toxicity)

## Persistence and degradability

No data available

## **Bioaccumulative potential**

No data available

## Mobility in soil

No data available

#### Other adverse effects

## **Product:**

Additional ecological infor-

mation

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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

#### Disposal methods

Waste from residues Dispose of in accordance with national, state and local regula-

tions.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Do not discharge into drains/surface waters/groundwater.

Contaminated packaging should be emptied as far as possible Contaminated packaging

and disposed of in the same manner as the sub-

stance/product.

## **SECTION 14. TRANSPORT INFORMATION**

## International Regulations

**IATA-DGR** 

UN/ID No. UN 1263 Proper shipping name **PAINT** Class 3

Packing group Ш

Flammable Liquids Labels

366

Packing instruction (cargo

aircraft)

Packing instruction (passen-355

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ger aircraft)

**IMDG-Code** 

UN number : UN 1263 Proper shipping name : PAINT

(1-CHLORO-4(TRIFLUOROMETHYL)BENZENE)

Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-E
Marine pollutant : no

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

#### 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 313 : The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

4,4'- 5124-30-1 >= 10 - < 20 %

methylenedicyclohexyl diisoncyanate

# **US State Regulations**

## Pennsylvania Right To Know

4,4'-methylenedicyclohexyl diisoncyanate	5124-30-1
talc	14807-96-6
4-Chloro-α,α,α-trifluorotoluene	98-56-6
Stoddard solvent	8052-41-3
Calcium sulphate	7778-18-9

# **New Jersey Right To Know**

4,4'-methylenedicyclohexyl diisoncyanate	5124-30-1
talc	14807-96-6
4-Chloro-α,α,α-trifluorotoluene	98-56-6
Stoddard solvent	8052-41-3
Calcium sulphate	7778-18-9

#### California Prop. 65

WARNING: This product can expose you to chemicals including 4-Chloro- $\alpha$ ,  $\alpha$ ,  $\alpha$ -trifluorotoluene, which is/are known to the State of California to cause cancer, and chromium, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

**TSCA** All substances listed as active on the TSCA inventory

DSL This product contains one or more components listed on the

Canadian NDSL. All other components are on the Canadian

#### **TSCA list**

The following substance(s) is/are subject to TSCA 12(b) export notification requirements: 4-Chloro-α,α,α-trifluorotoluene 98-56-6

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

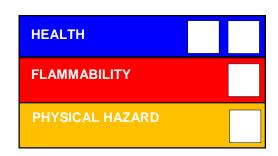
#### **Further information**

#### NFPA 704:

# Flammability Health 2 Instability 0

Special hazard

#### HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

#### Full text of other abbreviations

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1-A (29 CFR 1910.1000)

29 CFR 1910.1000 (Table Z-OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR

1910.1000

29 CFR 1910.1000 (Table Z- :

OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000

3)

OSHA P0

**ACGIH** USA. ACGIH Threshold Limit Values (TLV)

**ACGIHTLV** American Conference of Governmental Industrial Hygienists -

threshold limit values (US)

NIOSH NIOSH Pocket Guide to Chemical Hazards (US) USA. NIOSH Recommended Exposure Limits NIOSH REL

USA. OSHA - TABLE Z-1 Limits for Air Contaminants -

1910.1000

OSHA Z-1 USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants



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OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

29 CFR 1910.1000 (Table Z- : Ceiling Limit Value:

1-A) / CLV

29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):

1-A) / TWA value

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):

3) / TWA value

ACGIH / TWA : 8-hour, time-weighted average ACGIH / STEL : Short-term exposure limit

ACGIHTLV / STEL value : Short Term Exposure Limit (STEL): ACGIHTLV / TWA value : Time Weighted Average (TWA):

NIOSH / Ceil\_Time : Ceiling Limit Value and Time Period (if specified):

NIOSH / REL value : Recommended exposure limit (REL):

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek

NIOSH REL / C : Ceiling value not be exceeded at any time.

OSHA P0 / TWA : 8-hour time weighted average

OSHA P0 / C : Ceiling limit

OSHA Z-1 / TWA : 8-hour time weighted average OSHA Z-3 / TWA : 8-hour time weighted average

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; TSCA - Toxic Substances Control Act (United States); UN - United Nations;



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

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