

# MasterSeal TC 235 Tan

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

1.0 09/10/2021 000000790816 Date of first issue: 09/10/2021

**SECTION 1. IDENTIFICATION** 

Product name : MasterSeal TC 235 Tan

Product code : 00000000050502728 00000000050502728

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

National Emergency Tele-

phone Number

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

Recommended use of the chemical and restrictions on use

Recommended use : Topcoat

Restrictions on use : Reserved for industrial and professional use.

# **SECTION 2. HAZARDS IDENTIFICATION**

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

Flammable liquids : Category 3

Acute toxicity (Inhalation) : Category 4

Skin corrosion/irritation : Category 2

Serious eye damage/eye

irritation

Category 2A

Respiratory sensitization : Category 1

Skin sensitization : Category 1A

Specific target organ toxicity

- single exposure

Category 3

Specific target organ toxicity

- repeated exposure

Category 1 (Central nervous system)

Short-term (acute) aquatic

hazard

Category 3

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Long-term (chronic) aquatic

hazard

Category 3

#### **GHS** label elements

Hazard pictograms







Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

H315 Causes skin irritation. H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing diffi-

culties if inhaled.

H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.

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:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P271 Use only outdoors or in a well-ventilated area.

P260 Do not breathe dusts or mists.

P210 Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking. P273 Avoid release to the environment. P243 Take action to prevent static discharges.

P284 In case of inadequate ventilation wear respiratory protection.

P241 Use explosion-proof electrical, ventilating and lighting

equipment.
P264 Wash face, hands and any exposed skin thoroughly after

handling.

P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace.

P242 Use only non-sparking tools.

P240 Ground and bond container and receiving equipment.

#### Response:

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

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P314 Get medical advice/ attention if you feel unwell.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately

all contaminated clothing. Rinse skin with water/ shower.

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

P362 + P364 Take off contaminated clothing and wash it before

reuse.
P332 + P313 If skin irritation occurs: Get medical advice/ atten-

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

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

#### Storage:

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

P233 Keep container tightly closed.

P405 Store locked up.

#### Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

#### Other hazards

CONTAINS ISOCYANATES. INHALATION OF ISOCYANATE MISTS OR VAPORS MAY CAUSE RESPIRATORY IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT AND REDUCED PULMONARY FUNCTION. OVEREXPOSURE WELL ABOVE THE PEL MAY RESULT IN BRONCHITIS, BRONCHIAL SPASMS AND PULMONARY EDEMA. LONG-TERM EXPOSURE TO ISOCYANATES HAS BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING REDUCED LUNG FUNCTION WHICH MAY BE PERMANENT. ACUTE OR CHRONIC OVEREXPOSURE TO ISOCYANATES MAY CAUSE SENSITIZATION IN SOME INDIVIDUALS, RESULTING IN ALLERGIC RESPIRATORY REACTIONS INCLUDING WHEEZING, SHORTNESS OF BREATH AND DIFFICULTY BREATHING. ANIMAL TESTS INDICATE THAT SKIN CONTACT MAY PLAY A ROLE IN CAUSING RESPIRATORY SENSITIZATION.

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

Chemical nature : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
4,4'-methylenedicyclohexyl diisoncy-	5124-30-1	>= 10 - < 15
anate		
talc	14807-96-6	>= 7 - < 10
Stoddard solvent	8052-41-3	>= 7 - < 10
Calcium sulphate	7778-18-9	>= 5 - < 7
Titanium dioxide	13463-67-7	>= 1 - < 3
bis(1,2,2,6,6-pentamethyl-4-	41556-26-7	>= 0.3 - < 1
piperidyl)sebacate		
dibutyltin dilaurate	77-58-7	>= 0.2 - < 0.3
Methyl 1,2,2,6,6-pentamethyl-4-	82919-37-7	>= 0.1 - < 0.2
piperidyl sebacate		



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**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 : Immediately flush eye(s) with plenty of water.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while 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.

Causes sellous eye ilillali

Harmful if inhaled.

May cause allergy or asthma symptoms or breathing difficul-

ties if inhaled.

May cause respiratory irritation.

Causes damage to organs through prolonged or repeated

exposure.

Notes to physician : Treat symptomatically.

#### **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

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Further information Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

For safety reasons in case of fire, cans should be stored sepa-

rately in closed containments.

Use a water spray to cool fully closed containers.

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

Can release flammable vapours. Wind direction should be noted. Remove all sources of ignition.

Use antistatic tools.

Use personal protective equipment. Breathing protection required.

Beware of vapors accumulating to form explosive concentra-

tions. Vapors can accumulate in low areas.

Evacuate personnel to safe areas.

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

Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

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

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition.

Take necessary action to avoid static electricity discharge

(which might cause ignition of organic vapors).

Substance/product can form explosive mixture with air. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of igni-

tion.

Advice on safe handling Avoid formation of aerosol.

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.

Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national

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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 : no smoking

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-

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.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

#### **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
Calcium sulphate	7778-18-9	TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWÁ (respir- able dust fraction)	5 mg/m3	OSHA P0
		TWA (Inhal-	10 mg/m3	ACGIH



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	ı	able particu-	(Calcium)	I
		late matter)	(Calcium)	
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
talc	14807-96-6	TWA (Dust)	20 Million parti- cles per cubic foot	OSHA Z-3
		TWA (respirable dust fraction)	2 mg/m3	OSHA P0
		TWA (Respirable)	2 mg/m3	NIOSH REL
		TWA	0.1 fibres per cubic centimeter	ACGIH
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
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 525 mg/m3	29 CFR 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 2,900 mg/m3	OSHA Z-1
		TWA	100 ppm 525 mg/m3	OSHA P0

**Engineering measures** : Ensure adequate ventilation, especially in confined areas.

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 : Eye wash bottle with pure water

Tightly fitting safety goggles

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Wear face-shield and protective suit for abnormal processing

problems.

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.

Hygiene measures : Avoid contact with skin, eyes and clothing.

When using do not eat or drink. When using do not smoke.

Wash hands before breaks and at the end of workday.

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

Appearance : liquid

Color : tan

Odor : mild, aromatic

Odor Threshold : not determined

pH : Not applicable

Melting point : No data available

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

Flash point : approx. 131 °F / 55 °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

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Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : approx. 1.170 g/cm3 (approx. 77.00 °F / 25.00 °C)

Method: Relative density

Solubility(ies)

Water solubility : slightly soluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

not applicable for mixtures

Autoignition temperature : not determined

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

scribed/indicated.

Viscosity

Viscosity, dynamic : approx. 4,000 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 : Not applicable

# **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

Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong acids

Strong bases

Strong oxidizing agents Strong reducing agents

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Hazardous decomposition

products

No hazardous decomposition products if stored and handled

as prescribed/indicated.

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

#### **Acute toxicity**

Harmful if inhaled.

**Product:** 

Acute inhalation toxicity : ATE: 1.08 mg/l

Remarks: Determined for mist

#### 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

Not classified based on available information.

# STOT-single exposure

May cause respiratory irritation.

#### 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.



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Remarks : Solvents may degrease the skin.

#### **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.

## **Components:**

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

M-Factor (Acute aquatic tox- : 1

icity)

M-Factor (Chronic aquatic

toxicity)

: 1

## 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 : Contaminated packaging should be emptied as far as possible

and disposed of in the same manner as the sub-

stance/product.



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

## International Regulations

**IATA-DGR** 

UN/ID No. : UN 1263
Proper shipping name : PAINT
Class : 3
Packing group : III

Labels : Flammable Liquids

Packing instruction (cargo

aircraft)

Packing instruction (passen- : 355

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

366

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



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	talc Stoddard solvent Calcium sulphate Titanium dioxide		14807-96-6 8052-41-3 7778-18-9 13463-67-7
New .	Jersey Right To Know	,	
4,4'-methylenedicyclohexyl diisoncyanate talc 4-Chloro-α,α,α-trifluorotoluene Stoddard solvent Calcium sulphate Titanium dioxide			5124-30-1 14807-96-6 98-56-6 8052-41-3 7778-18-9 13463-67-7

## 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 methanol, 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.

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

TSCA : All chemical substances in this product are either listed as

active on the TSCA Inventory or are in compliance with a

TSCA Inventory exemption.

DSL : All components of this product are on the Canadian DSL

#### **TSCA list**

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:  $4\text{-Chloro-}\alpha,\alpha,\alpha\text{-trifluorotoluene}$  98-56-6

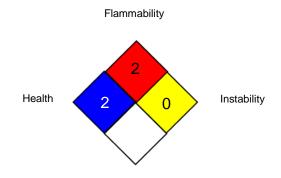
## **SECTION 16. OTHER INFORMATION**

#### **Further information**

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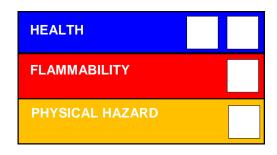
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#### NFPA 704:



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)

1-A)

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

1) 1910.1000

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)
NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA PO : 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

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

eral Dusts

29 CFR 1910.1000 (Table Z- :

1-A) / CLV

: Ceiling Limit Value:

29 CFR 1910.1000 (Table Z- :

1-A) / TWA value

Time Weighted Average (TWA):

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

ACGIH / TWA : 8-hour, time-weighted average 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



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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

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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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