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**SECTION 1. IDENTIFICATION** 

Product name **RAINBUSTER 450 black** Product code 000000000050616346

Manufacturer or supplier's details

Company name of supplier

Top Industrial, Inc. 15010 Keswick Street Van Nuys, CA 91405

USA Telephone 1-818-901-1313

**Emergency telephone** CHEMTREC + 1 (800) 424-9300

**SECTION 2. HAZARDS IDENTIFICATION** 

GHS classification in accordance with 29 CFR 1910.1200

Acute toxicity (Inhalation -

vapour)

Address

: Category 4

Serious eye damage/eye

irritation

Category 2A

Respiratory sensitization Category 1

Skin sensitization Category 1

Carcinogenicity Category 2

Specific target organ toxicity

- repeated exposure

Category 1 (Central nervous system)

**GHS** label elements

Hazard pictograms





Signal Word Danger

Hazard Statements H319 Causes serious eye 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. H351 Suspected of causing cancer.

H372 Causes damage to organs (Central nervous system)

through prolonged or repeated exposure.

**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 dust or mist.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read

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and understood.

P284 In case of inadequate ventilation wear respiratory protection.

P270 Do not eat, drink or smoke when using this product. P264 Wash face, hands and any exposed skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

#### 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 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.

#### Storage:

P405 Store locked up.

### Disposal:

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

#### Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

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

Chemical nature : Sealant

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Stoddard solvent	8052-41-3	>= 1 - < 3
calcium oxide	1305-78-8	>= 1 - < 3
Bis[2-[2-(1-methylethyl)-3- oxazolidinyl]ethyl] hexan-1,2- diylbiscarbamate	59719-67-4	>= 1 - < 3
trimethoxy(3- (oxiranylmethoxy)propyl)silane	2530-83-8	>= 0.3 - < 1
toluene-2,6-diisocyanate	91-08-7	>= 0.3 - < 1
Limestone	1317-65-3	>= 15 - < 20
talc	14807-96-6	>= 1 - < 3

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

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General advice		<ul> <li>Remove contaminated clothing.</li> <li>Move out of dangerous area.</li> <li>Show this material safety data sheet ance.</li> <li>Do not leave the victim unattended.</li> </ul>		erous area.  Il safety data sheet to the doctor in attend-	
If inhaled		:	Remove the affected individual into fresh air and keep the person calm.  Assist in breathing if necessary.  Immediate medical attention required.  Call a physician or poison control center immediately.  If unconscious, place in recovery position and seek medical		
	In case	of skin contact	:	advice. Wash affected are If irritation develop If on skin, rinse w	eas thoroughly with soap and water. os, seek medical attention. ell with water
	In case	of eye contact	:	In case of contact 15 minutes with p Immediate medica Immediately flush Remove contact In Protect unharmed Keep eye wide op	with the eyes, rinse immediately for at least lenty of water. al attention required. eye(s) with plenty of water. enses. I eye. een while rinsing.
	If swallo	owed	:	Rinse mouth and Do NOT induce von is unconscious or Immediate medica Induce vomiting in Keep respiratory to Do not give milk of Never give anythi If symptoms persi	niting or give anything by mouth if the victim having convulsions.  al attention required.  mmediately and call a physician.
		portant symptoms ects, both acute and I	:	May cause an alle Causes serious et Harmful if inhaled May cause allergy ties if inhaled. Suspected of cause	ergic skin reaction. ye irritation y or asthma symptoms or breathing difficul-
	Notes to	o physician	:	Treat symptomatic	cally.

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

Suitable extinguishing media :

Water spray

Dry powder Carbon dioxide (CO2) water jet

Unsuitable extinguishing

Hazardous combustion prod- : ucts

nitrous gases

fumes/smoke

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isocyanate vapor

Further information : Keep containers cool by spraying with water if exposed to fire.

Dispose of fire debris and contaminated extinguishing water in

accordance with official regulations. Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

Special protective equipment:

for fire-fighters

Firefighters should be equipped with self-contained breathing

apparatus and turn-out gear.

Wear self-contained breathing apparatus for firefighting if nec-

essary.

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

Personal precautions, protec- :

tive equipment and emer-

gency procedures

Clear area.

Ensure adequate ventilation.

Wear suitable personal protective clothing and equipment.

Use personal protective equipment.

Avoid dust formation.
Avoid breathing dust.
Ensure adequate ventilation.

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

Dike spillage.

If temporary control of isocyanate vapor is required, a blanket of protein foam or other suitable foam (available from most fire departments) may be placed over the spill. Transfer as much liquid as possible via pump or vacuum device into closed but not acaled containers for disposal.

not sealed containers for disposal.

Absorb isocyanate with suitable absorbent material (see § 40 CFR, sections 260, 264 and 265 for further information).

Do not make container pressure tight.

Move container to a well-ventilated area (outside).

Add at a 10 to 1 ratio.

Mixture of 90 % water, 5-8 % household ammonia, 2-5 %

detergent.

Allow to stand for at least 48 hours to allow escape of evolved

carbon dioxide.

Wash down spill area with decontamination solution.

Keep in suitable, closed containers for disposal.

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

Advice on protection against

fire and explosion

Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.

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Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Provide suitable exhaust ventilation at the processing ma-Advice on safe handling

chines.

Ensure thorough ventilation of stores and work areas.

Avoid aerosol formation.

When handling heated product, vapours of the product should

be ventilated, and respiratory protection used. Wear respiratory protection when spraying. Danger of bursting when sealed gastight.

Protect against moisture.

If bulging of drum occurs, transfer to well ventilated area, puncture to relieve pressure, open vent and let stand for 48

hours before resealing.

Avoid formation of respirable particles.

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.

Provide sufficient air exchange and/or exhaust in work rooms. 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.

Keep container tightly closed in a dry and well-ventilated Conditions for safe storage

place.

Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards. Keep only in the original container in a cool, well-ventilated

Further information on stor-

age conditions

place.

Protect from direct sunlight. Store protected against freezing.

Materials to avoid Observe VCI storage rules.

Recommended storage tem-

perature

41 - 90 °F / 5 - 32 °C

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	Control parame- ters / Permissible	Basis
		exposure)	concentration	

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toluene-2,6-diisocyanate	91-08-7	STEL value (Inhalable fraction and vapor)	0.005 ppm	ACGIHTLV
		Skin Desig- nation (In- halable frac- tion and va- por)		ACGIHTLV
		TWA value (Inhalable fraction and vapor)	0.001 ppm	ACGIHTLV
calcium oxide	1305-78-8	TWA value	2 mg/m3	ACGIHTLV
		REL value	2 mg/m3	NIOSH
		PEL	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
Limestone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 mg/m3	NIOSH
		PEL (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
talc	14807-96-6	TWA value (Respirable fraction)	2 mg/m3	ACGIHTLV
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 2,900 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	100 ppm 525 mg/m3	29 CFR 1910.1000 (Table Z-1-A)

## Occupational exposure limits of decomposition products

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	

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carbon monoxide	630-08-0	TWA value	25 ppm	ACGIHTLV
		REL value	35 ppm 40 mg/m3	NIOSH
		Ceil_Time	200 ppm 229 mg/m3	NIOSH
		PEL	50 ppm 55 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	35 ppm 40 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		CLV	200 ppm 229 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
Carbon Dioxide	124-38-9	TWA value	5,000 ppm	ACGIHTLV
		STEL value	30,000 ppm	ACGIHTLV
		REL value	5,000 ppm 9,000 mg/m3	NIOSH
		STEL value	30,000 ppm 54,000 mg/m3	NIOSH
		PEL	5,000 ppm 9,000 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	10,000 ppm 18,000 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		STEL value	30,000 ppm 54,000 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
hydrogen cyanide	74-90-8	CLV	4.7 ppm (CN)	ACGIHTLV

**Engineering measures** : No applicable information available.

Personal protective equipment

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

tional exposure limits they must use appropriate certified

respirators.

When atmospheric levels may exceed the occupational exposure limit (PEL or TLV) NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as long as appropriate precautions and

change out schedules are in place.

For emergency or non-routine, high exposure situations, including confined space entry, use a NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air

respirator (SAR) with escape provisions.

Hand protection

Remarks : Chemical resistant protective gloves should be worn to pre-

vent all skin contact. Suitable materials may include chloroprene rubber (Neoprene) nitrile rubber (Buna N) chlorinated polyethylene polyvinylchloride (Pylox) butyl rubber depending

Eye protection

Protective measures

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upon conditions of use.

The suitability for a specific workplace should be discussed

with the producers of the protective gloves. Tightly fitting safety goggles (chemical goggles).

Wear face shield if splashing hazard exists. Eye wash bottle with pure water Tightly fitting safety goggles

Wear face-shield and protective suit for abnormal processing

problems.

Skin and body protection : Cover as much of the exposed skin as possible to prevent all

skin contact.

Suitable materials may include

saran-coated material

depending upon conditions of use.

Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear protective clothing as necessary to prevent contact.

Eye wash fountains and safety showers must be easily ac-

cessible.

Observe the appropriate PEL or TLV value.

Hygiene measures : Wash soiled clothing immediately.

Remove contaminated clothing immediately and clean before

re-use or dispose it if necessary. 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 : paste

Color : black

Odor : mild

pH : No data available

Melting point : No applicable information available.

Boiling point : No applicable information available.

Flash point : does not flash

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not flammable

Method: Manual of tests and criteria. Test N.1 (United Nations Recommendations on the Transport of Dangerous Goods).

Self-ignition : not self-igniting

Upper explosion limit / Upper

flammability limit

No applicable information available.

Lower explosion limit / Lower : No applicable information available.

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Vapor pressure : No applicable information available.

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 10.1 lb/USg (77 °F / 25 °C)

Solubility(ies)

Water solubility : insoluble (59 °F / 15 °C)

Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

No applicable information available.

Autoignition temperature : No applicable information available.

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

scribed/indicated.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive

Oxidizing properties : Not an oxidizer.

Self-heating substances : No data available

Sublimation point : No applicable information available.

Molecular weight : No data available.

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

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

scribed/indicated.

No decomposition if stored and applied as directed.

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

scribed/indicated.

No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

Reacts with water, with formation of carbon dioxide. Risk of bursting.

Reacts with alcohols.
Reacts with acids.
Reacts with alkalies.
Reacts with amines.
Risk of exothermic rea

Risk of exothermic reaction. Risk of polymerization.

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Contact with certain rubbers and plastics can cause brittleness of the substance/product with subsequent loss in

strength

No decomposition if stored and applied as directed.

Conditions to avoid : Avoid moisture.

See SDS section 7 - Handling and storage.

Incompatible materials : Acids

Amines Alcohols Water Alkalines Strong bases

Substances/products that react with isocyanates.

Hazardous decomposition

products

nitrogen oxides Aromatic isocyanates

gases/vapours

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

#### **Acute toxicity**

Harmful if inhaled.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : ATE: 14.8 mg/l

Remarks: Determined for vapor

Acute dermal toxicity : Remarks: No applicable information available.

#### Skin corrosion/irritation

Not classified based on available information.

#### 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

Suspected of causing cancer.

#### Reproductive toxicity

Not classified based on available information.

#### STOT-single exposure

Not classified based on available information.

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#### 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 : The product has not been tested. The statement has been

derived from the properties of the individual components.

#### **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity** 

No data available

Persistence and degradability

No data available

Bioaccumulative potential

**Components:** 

Stoddard solvent:

Partition coefficient: n- : log Pow: 3.5 - 6.4 (68 °F / 20 °C)

octanol/water Method: Partition coefficient (n-octanol/water), HPLC method.

calcium oxide:

Partition coefficient: n- : Remarks: The value has not been determined because the

octanol/water substance is inorganic.

Bis[2-[2-(1-methylethyl)-3-oxazolidinyl]ethyl] hexan-1,2-diylbiscarbamate:

Partition coefficient: n- : log Pow: 2.92 (77 °F / 25 °C) octanol/water : Method: other (calculated)

trimethoxy(3-(oxiranylmethoxy)propyl)silane:

Partition coefficient: n- : log Pow: -0.915

octanol/water Method: other (calculated)
Remarks: unmeasurable

toluene-2,6-diisocyanate:

Partition coefficient: n- : log Pow: 3.74

octanol/water Method: other (calculated)

talc:

Partition coefficient: n-

octanol/water

Remarks: not applicable

Mobility in soil

No data available

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#### Other adverse effects

#### Product:

Additional ecological infor-

mation

: There is a high probability that the product is not acutely

harmful to aquatic organisms.

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

and disposed of in the same manner as the sub-

stance/product.

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

### International Regulations

Contaminated packaging

#### 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**

### **EPCRA - Emergency Planning and Community Right-to-Know**

### **CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
toluene-2,6-diisocyanate	91-08-7	100	21097

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

tablished by SARA Title III, Section 313:

toluene-2,6- 91-08-7 diisocyanate

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#### **US State Regulations**

#### Pennsylvania Right To Know

calcium oxide	1305-78-8
Limestone	1317-65-3
talc	14807-96-6
Stoddard solvent	8052-41-3
4-methyl-m-phenylene diisocyanate	584-84-9

#### **New Jersey Right To Know**

calcium oxide	1305-78-8
Limestone	1317-65-3
talc	14807-96-6
Stoddard solvent	8052-41-3
toluene-2,6-diisocyanate	91-08-7
carbon black	1333-86-4

#### California Prop. 65

WARNING: This product can expose you to chemicals including toluene-2,6-diisocyanate, toluene, 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:

DSL	:	This product contains the following components listed on the
-----	---	--

Canadian NDSL. All other components are on the Canadian

DSL.

3-Oxazolidineethanol, 2-(1-methylethyl)-, 3,3'-carbonate

Fatty acids, C14-18 and C16-18-unsatd., maleated

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.

### **TSCA list**

The following substance(s) is/are subject to a Significant New Use Rule: toluene-2,6-diisocyanate 91-08-7

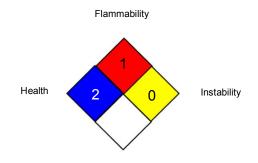
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#### **Further information**

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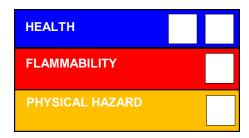
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#### NFPA 704:



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)

1)

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

1910.1000

ACGIHTLV : American Conference of Governmental Industrial Hygienists -

threshold limit values (US)

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)

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

1-A) / CLV

29 CFR 1910.1000 (Table Z- : Short Term Exposure Limit (STEL):

1-A) / STEL value

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

ACGIHTLV / CLV : Ceiling Limit Value: ACGIHTLV / Skin Designa- : Skin Designation:

tion

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 / STEL value : Short Term Exposure Limit (STEL):

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 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

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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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Version	Revision Date:	SDS Number:	Date of last issue: 05/04/2020
1.2	05/04/2020	000000680503	Date of first issue: 05/04/2020

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