

## Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System Conforms to The United Nations Regulation Globally Harmonized System Mexican Official Standard, NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks of Hazardous Chemicals in the Workplace Conforms to the Australian Preparation of Safety Data Sheets for Hazardous Chemicals under section 274 of the Work Health and Safety Act

Date of Revision: 12/26/2017

**Revision: 01** 

## **Section 1 - Chemical Product and Company Identification**

## 1.1 Product Name: **Octanium**

### 1.2 Synonym: Blend

**1.3** VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744 **1.4** Recommended Use: Gasoline Fuel Additive

1.5 RESTRICTIONS on USE THIS ADDITIVE IS FOR GASOLINE FUEL USE ONLY!

## 1.6 Emergency Response Number: CHEMTREC 800-424-9300

## International Emergency Telephone Number: +1-703-527-3887

## 1.7 See Section 16.3 for CHEMTRC in Country Emergency Numbers

**1.8 Supplier:** Segedin Truck & Auto Parts Limited (STA Parts), 53 Andrew Baxter Drive, Airport Oaks, Auckland Airport 2150, New Zealand, Phone Number: +64 9 256 1120.

## Section 2 - Hazards Identification

# **GHS HAZARD**

2.1 Hazard Classes	Hazard Categories	
Highly Flammable liquid/vapor	Category 2	H225
Specific Target Organs toxicity single expos	ure Category 3	H336
Specific Target Organs repeated exposure	Category 1	H372
Eye Irritation	Category 2A	H319
Skin Irritation	Category 2	H315
Acute Toxicity (Oral)	Category 4	H302
Acute Toxicity (Inhalation)	Category 4	H332
Aspiration Hazard	Category 1	H304
Reproductive Toxicity	Category 2	H360
Toxic to Aquatic Life Long Lasting Effects	Category 2	H411

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2.2 Signal Word: Danger



2.3 Pictograms:

Flame Health hazard

Irritant Toxic to aquatic life

## 2.4 Hazard Statements

PHYSICAL HAZARDS:

HEALTH HAZARDS:

ENVIRONMENTAL HAZARDS:

PRECAUTIONARY STATEMENTS:

H225: Highly flammable liquid and vapor

H302: Harmful if swallowed

H304: May be fatal if swallowed and enter the airway

H315: Causes skin irritation

H319: Causes serious eye irritation

H332: Harmful if inhaled

H336: May cause drowsiness or dizziness

H360: May damage fertility or the unborn child

H372: Causes damage to organs through

prolonged or repeated exposure

H411: Toxic to aquatic life with long lasting effects

P102: Keep out of reach of children
P201: Obtain special instructions before use.
READ SDS BEFORE USE
P202: Do not handle until all safety precautions have been read and understood
P210: Keep away from sparks and open flames-No smoking
P240: Ground or bond container and receiving equipment
P241: Use explosion-proof equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P260: Do not breathe vapors

P264: Wash hands thoroughly after handling

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

P271: Use only outdoors or in well ventilated area

P273: Avoid release to the environment P280: Wear protective gloves, clothing and eye protection

### **RESPONSE STATEMENTS:**

P301 +P310+ P331: IF SWALLOWED: <u>USA</u> Immediately call the National POISON CENTER at 800-222-1222. <u>OUTSIDE USA</u> Immediately call poison center or doctor.DO NOT induce vomiting

P303+P361+P353: IF ON SKIN Take off immediately all contaminated clothing. Rinse skin with water

P304+P340: IF INHALED. Remove to fresh air and keep comfortable for breathing P305+P351: IF IN EYES rinse cautiously with water for at least 15 minutes P308+P313: If exposed or concerned get

medical attention

P362+P364: IF ON CLOTHING, take off contaminated clothing and wash it before reuse P313+P332+P337: If skin or eye irritation persists get medical attention H314: Get medical attention if you feel unwell

P330: Rinse mouth P370: In case of fire use foam, carbon dioxide, dry chemical to extinguish fire

P376: Stop leaks if safe to do so

P403+P405+P235: Store in a well-ventilated place, store locked up and keep cool

P501: Dispose of content and/or container in accordance with local, regional, national or international regulations

### **STORAGE STATEMENTS:**

DISPOSAL STATEMENTS:

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## Section 3 - Composition / Information on Ingredients

3.1				
CAS#	EC#	Chemical Names	Percent	Classification
N/A	N/A	Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	95 - 97%	None
12108-13-3	235-166-5	MMT	3-5%	Acute Tox. 3 H301, Acute Tox. 2 H310, Acute Tox. 1 H330, Aquatic Chronic 1 H410, Aquatic Acute 1 H400
78-00-2	201-075-4	Tetraethyle plumb	≤ 0 .3%	Acute Tox. 2 H300, Acute Tox. 2 H310, Acute Tox. 1 H330, Repr. 1A H360, STOT RE 2 H373, Aquatic Chronic 1 H410, Aquatic Acute 1 H400

### 3.2 Blend Contains

Chemical Names	CAS#	EC#	Classification
Phenylmethane	108-88-3	203-625-9	Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit 2, H319, STOT SE 3 Central nervous Sys Inhalation H336, Repr. 2 H361, STOT RE 2 Central nervous sys H373
2, 2, 4-Trimethylpentane	540-84-1	208-759-1	Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit 2, H319, STOT SE 3 H336, Repr. 2 H361, Aquatic Chronic 1 H410, Aquatic Acute 1 H400
Petroleum Distillates Hydrotreated Light	64742-47- <mark>8</mark>	265-149-8	Asp. Tox. 1 H304
Heavy aromatic naphtha	64742-94- <mark>5</mark>	265-198-5	Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, STOT SE 3 Central nervous sys Inhalation H336
Albocarbon	91-20-3	202-049-5	Acute Tox 4 H302, Carc. 2 H351, Aquatic Chronic 1 H410, Aquatic Acute 1 H400
Mesitylene	108-67-8	203-604-4	Flam. Liq. 3 H226, Skin Irrit. 2 H315, STOT SE 3 unknown H335, Aquatic Chronic 2 H411

**3.3 Trade Secret Provision and Chemical Concentration Disclosure:** In accordance with OSHA and GHS Regulations we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a blend and are applicable to the hazards as identified in this Safety Data Sheet

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### **Section 4 - First Aid Measures**

**4.1 Eye:** Contact with the eyes can cause serious irritation. Symptoms may include discomfort or pain and redness. Severe overexposure can result in swelling of the conjunctiva along with tissue damage.

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**4.2 Skin:** Prolonged and repeated liquid contact can cause defatting and drying of the skin and can lead to irritation and/or dermatitis.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

**4.3 Ingestion:** Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting leading to central nervous system depression. Aspiration of liquid into the lungs must be avoided as even small quantities in the lungs can produce chemical pneumonia, pulmonary edema and even death.

#### Ingestion: Do NOT induce vomiting. Get medical aid immediately.

**4.4 Inhalation:** Prolonged breathing of high vapor concentrations can produce headache, dizziness, nausea, and impaired vision. Excessive overexposure can cause central nervous system depression, loss of consciousness, liver damage and death resulting from respiratory failure.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation without protection.

**4.5** Note to Physicians: After first aid, get appropriate paramedic, or community medical support. The severity of outcome following ingestion may be more related to the time between ingestion and treatment, rather than the amount ingested. Therefore, there is a need for rapid treatment of any ingestion exposure.

4.6 If you determine that a medical emergency exists and the specific chemical percentages are necessary for emergency or first-aid treatment we will immediately disclose the specific chemical percentages. Call CHEMTREC 800-424-9300 or +1-703-527-3887. We will require a written statement of need and confidentiality agreement, in accordance with OSHA's Trade Secret Regulations as soon as circumstances permit. In non-emergency situations, we will upon written request disclose a specific chemical identity

### **Section 5 - Fire-Fighting Measures**

5.1 General Fire Hazards: Use water to cool containers exposed to fire

**5.2 Hazardous Combustion Products:** Avoid fumes of burning product.

**5.3 Extinguishing Media:** Carbon dioxide, dry chemical, foam

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**5.4 Fire Fighting Equipment/Instructions** Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products

### **Section 6 - Accidental Release Measures**

**6.1 Spill /Leak Procedures:** Ventilate area highly flammable. Spillages of liquid product will create a fire hazard and may form an explosive atmosphere. Keep all sources of ignition away from the spill.

**6.2 Spills:** Avoid direct contact with material. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers or waterways. Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite or diatomaceous earth and place in a container for disposal.

### **Section 7 - Handling and Storage**

**7.1 Handling Precautions:** Keep away from ignition sources such as heat, sparks and open flames NO SMOKING Take precautionary measures against static discharge. Non-sparking tools should be used. Wear protective gloves, clothing and eye protection. Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment. Empty containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death.

**7.2 Storage Requirements:** Store in original manufacture container tightly closed container in a cool, dry and well-ventilated area.

7.3 Chemical Incompatibilities: Strong oxidizing agents and strong reducing agents.

### Section 8 - Exposure Controls / Personal Protection

8.1				
Chemical Names	ACGIH- TLV	OSHA- PEL		
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	100 ppm TWA	*100 ppm TWA		
ММТ	0.2mg/m3	0.2mg/m3		
Tetraethyle plumb	0.1mg/m3	0.75mg/m3		

**8.2** ACGIH<sup>®</sup> = American Conference of Governmental Industrial Hygienists. TLV<sup>®</sup> = Threshold Limit Value.

#### **8.3** OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.

**8.4 TWA Means** "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded."

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**8.5 Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below TLV/PELs Local exhaust ventilation are preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**8.6 Contaminated Equipment:** Separate contaminated work clothes from street clothes and launder before reuse.

Remove this material from your shoes and clean personal protective equipment.

### 8.7 Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use. Select gloves tested to the **ANSI/ISEA 105-2011** or European EN374 Standard. Full contact: Viton Splash contact: Viton

Viton is a Registered Trademark of DuPont Company

Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Impervious clothing, flame retardant antistatic protective clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### 8.10 Protective Clothing Pictograms





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### Section 9 - Physical and Chemical Properties

9.1 Physical State: Liquid Appearance: Various Odor: Aromatic Gasoline Odor Vapor Pressure: 141mmHg@21°C Vapor Density (Air=1): 3.9 Specific Gravity (H2O=1,): 0.86 Relative Density: Not Available Odor Threshold: Not Available Flammability (solid, gas): Not applicable. Evaporation rate: Not Available Partition coefficient octanol/water: Not Available

Water Solubility: Insoluble Flash Point: 10.4°F (-12°C) closed cup Boiling Point/Range: 208°F (98°C) Lower Explosive Limits (vol % in air): 1% Upper Explosive Limits (vol % in air): 8% Melting Point: Not Available Viscosity: Not Available Auto ignition Temperature: Not Available Decomposition temperature: Not Available pH: None

## **Section 10 - Stability and Reactivity**

**10.1 Stability:** Stable under ordinary conditions of use and storage.

**10.2 Polymerization:** Hazardous polymerization has not been reported.

**10.3 Chemical Incompatibilities:** Strong oxidizing agents

**10.4 Hazardous Decomposition Products:** Combustion produces carbon monoxide and carbon dioxide

**10.5 Conditions to Avoid:** Avoid heat, sparks open flames and other ignition sources

Section 11- Toxicological Information				
11.1				
Product Name	Results	Species	Dose	Exposure
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	Oral LD50	Rat	<2000 mg/kg	None Listed
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	Inhalation LD50	Rat	≤20.0mg/l	None Listed
ММТ	Oral LD50	Rat	<2000 mg/kg	None Listed
MMT	Inhalation LD50	Rat	≤20.0mg/l	None Listed
Tetraethyle plumb	Oral LD50	Rat	14.18 mg/kg	None Listed

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**11.11.1** OECD Guideline 401 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause Oral Toxicity.

**11.11.2** OECD Guideline 403 Tests results found in the European Chemical Agency Data Base shows that components of this product to be Inhalation Toxicity.

**11.2 Route of Entry:** Inhalation, Ingestion, Absorption, Skin and/or Eye Contact

**11.3 Aspiration Hazard:** European Chemical Agency Data Base shows that components of this product may be fatal if swallowed and enters airways.

**11.4 Mutagenicity:** OECD Guideline 476 Tests results found in the European Chemical Agency Data Base show components of this product to cause genetic defects

**11.5 Skin Corrosion/Irritation:** OECD Guideline 404 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause skin irritation. Repeated exposure may cause skin dryness or cracking.

**11.6 Serious Eye Damage/Irritation:** OECD Guideline 405 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause serious eye irritation.

**11.7 Reproductive toxicity:** OECD Guideline 421 Tests results found in the European Chemical Agency Data Base show components of this product to cause damage to fertility or the unborn child.

**11.8 Skin Sensitization** OECD Guideline Tests results found in the European Chemical Agency Data Base show no components of this product to cause skin sensitivity.

**11.9 Respiratory Sensitization** OECD Guideline Tests results found in the European Chemical Agency Data Base show no components of this product to cause respiratory sensitivity.

**11.10 Specific Target Organ Toxicity (Single Exposure):** European Chemical Agency Data Base shows that components of this product may cause damage to the central nervous system (CNS).

**11.11 Specific Target Organ Toxicity (Repeated Exposure):** Contains chemicals which may cause damage to the following organs: kidneys, lungs, liver, upper respiratory tract, skin, eyes, central nervous system (CNS).

**11.12 Signs and Symptoms:** Effects due to exposure may include: Headache, Dizziness, Drowsiness, Metabolic Acidosis, Coma, Seizures. Symptoms may be delayed.

**11.13 Carcinogenicity:** OECD Guideline 453 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause cancer.

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Chemical Name	IARC	ACGIH	NTP	OSHA
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	Indicates the substance is possibly carcinogenic to humans	Confirmed animal with unknown relevance to humans	Not listed	Not listed
MMT	Not listed	Not listed	Not listed	Not listed

## **Section 12 - Ecological Information**

12.1			
Product Name	Results	Species	Exposure
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	Expected to be toxic to aquatic organisms which will cause long-term adverse effects in the environment		
ММТ	Very toxic to aquatic organisms	B	
Tetraethyle plumb	LC50 0.23 mg/l	Fish	96 hours

**Toxicity:** OECD Guideline 204 Test results found in the European Chemical Agency Data Base show components of this product to cause long-term toxicity to aquatic life.

### **12.2 Mobility:** Floats on water

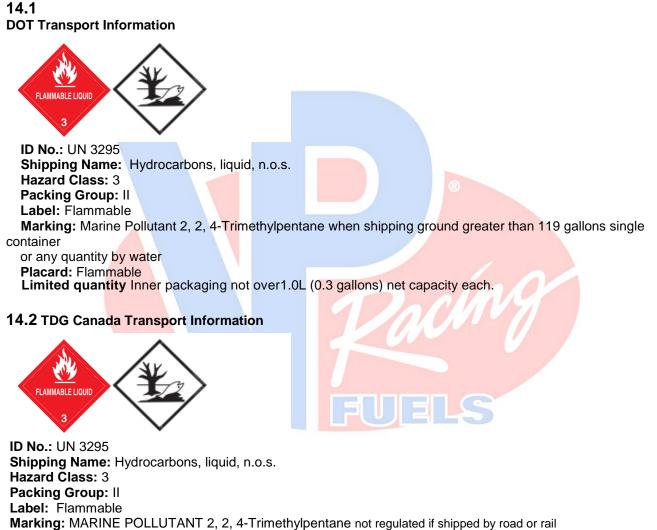
- 12.3 Persistence/degradability: Inconclusive technical data.
- 12.4 Bioaccumulation: Inconclusive technical data.
- 12.5 Other adverse effects: Inconclusive technical data.
- 12.6 Other Adverse Effects: Not available on this mixture

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### **Section 13 - Disposal Considerations**

**13.1 Disposal: DO NOT REUSE EMPTY CONTAINER!** Container should be completely emptied prior to discard. Container with residues should be considered to be hazardous wastes. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

## **Section 14 - Transport Information**



Placard: Flammable

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### **14.3** ADR/RID Transport Information



ID No.: UN 3295 Shipping Name: Hydrocarbons, liquid, n.o.s. Hazard Class: 3 Packing Group: II Flash Point: -12 °C - closed cup Marking: Marine Pollutant 2, 2, 4-Trimethylpentane Label: Flammable Placard: Flammable Classification Code: F1

### **14.4 IMDG Transport Information**



Shipping Name: HYDROCARBONS, LIQUID, N.O.S. Hazard Class: 3 Packing Group: II Flash Point: -12 °C - closed cup EmS Number: F-E, S-D Marking: Marine Pollutant 2, 2, 4-Trimethylpentane Label: Flammable Placard: Flammable

D o.s. POLICICS

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14.5 Australian Dangerous Goods Transport Information



ID No.: UN 3295 Shipping Name: Hydrocarbons, liquid, n.o.s. Hazard Class: 3 Packing Group: II Flash Point: -12 °C - closed cup Marking: Marine Pollutant 2, 2, 4-Trimethylpentane Label: Flammable Placard: Flammable



**14.6 DOT Transport Limited Quantity/Consumer Commodity** Inner packaging not over 1.0L (0.3 gallons) net capacity each. Outer Package not over 30kg (66lbs) each



**14.7 TDG Canada Transport Limited Quantity** Inner packaging not over 1.0L (0.3 gallons) net capacity each. Outer Package not over 30kg (66lbs) each

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14.8 IMDG Transport Limited Quantity Inner packaging not over1.0L (0.3 gallons) net capacity each. Outer Package not over 30kg (66lbs) each ID No.: UN 3295 Shipping Name: HYDROCARBONS, LIQUID, N.O.S.LTD. QTY. Hazard Class: 3 Packing Group: II Flash Point: (-12° C c.c.) EmS Number: F-E, S-D

### **Section 15 - Regulatory Information**

#### 15.1 US Regulations:

TSCA: US. Toxic Substances Control Act: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

#### CERCLA Hazardous Substances and corresponding RQs: Phenylmethane 1000 lbs., 2, 2, 4-

Trimethylpentane 1000 lbs., Naphthalene 100 pounds, Tetraethyl plumb 10 pounds.

**SARA Community Right-to-Know Program:** Phenylmethane, 2, 2, 4-Trimethylpentane, Naphthalene, Tetraethyl plumb, Mesitylene, MMT

Clean Water Act: Phenylmethane, 2, 2, 4-Trimethylpentane, Naphthalene, Tetraethyl plumb, Mesitylene, MMT

Clean Air Act: Phenylmethane, 2, 2, 4-Trimethylpentane

OSHA: All ingredients are listed in 1910.1200

#### State Regulations

California prop. 65: Phenylmethane Reproductive, Naphthalene Cancer

Chemicals on the following State Right to Know Lists:

**Massachusetts:** All components of this product are on the Massachusetts Inventory or are exempt from Inventory requirements

**New Jersey** All components of this product are on the New Jersey inventory or are exempt from Inventory requirements

**Pennsylvania:** All components of this product are on the Pennsylvania Inventory or are exempt from Inventory requirements

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#### 15.2 Canadian Regulation:

The following substances are specified on the public Portion of the Domestic Substances List (DSL): All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

#### 15.3 Europe Regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC. All substances contained in this product are listed on the EU directives or are not required to be listed.

#### **15.4** International Regulations:

Australian Inventory of Chemical Substance: All components of this product are on the Inventory or are exempt from Inventory requirements

National Existing Chemical Inventory in Taiwan: All components of this product are on Inventory or are exempt from Inventory requirements

Philippine Inventory of Chemicals and Chemical Substances All components of this product are on the Inventory or are exempt from Inventory requirements

China Existing Chemical Inventory: All components of this product are on the Inventory or are exempt from Inventory requirements

## **Section 16 - Other Information**

**16.1 Disclaimer:** The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

**16.2 References:** CHEMpendium data base of Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller on Line, European Chemical Agency Data Base and MSDS and SDS of chemicals in this mixture.

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### **16.3 CHEMTREC in country emergency dial numbers:**

CHEMTREC In-Country Dial Numbers	Local # Provided in Country	Toll Free in Country*	- Greeting Language			
AMERICAS						
CHEMTREC Argentina (Buenos Aires)	+(54)-1159839431		Latin American Spanish			
CHEMTREC Brazil (Rio De Janeiro)	+(55)-2139581449		Portuguese			
CHEMTREC Cayman Islands	+(1)-345-749-8392		English			
CHEMTREC Chile (Santiago)	+(56)-225814934		Latin American Spanish			
CHEMTREC Colombia *		01800-710-2151	Latin American Spanish			
CHEMTREC Costa Rica*	+(506)-40003869		Latin American Spanish			
CHEMTREC Mexico*		01-800-681-9531	Latin American Spanish			
CHEMTREC Panama	+(507)-8322475		Latin American Spanish			
CHEMTREC Peru (Lima)	+ <mark>(</mark> 51)-17071295		Latin American Spanish			
CHEMTREC Trinidad and Tobago*	+(1)-868-224-5716		English			
	EUROPE					
CHEMTREC Austria (Vienna)	+(43)-13649237		German			
CHEMTREC Belgium (Brussels)	+(32)-28083237		French, Flemish, German			
CHEMTREC Bulgaria (Plovdiv)	+(359)-32570104		Bulgarian			
CHEMTREC Croatia (Zagreb)	+(385)-17776920		Croatian			
CHEMTREC Czech Republic (Prague)	+(420)-228880039		Czech			
CHEMTREC Denmark	+(45)-69918573		Danish			
CHEMTREC Estonia	+(372-6681294		Estonian			
CHEMTREC Finland (Helsinki)	+(358)-942419014		Finnish			
CHEMTREC France	+(33)-975181407		French			
CHEMTREC Germany *		0800-181-7059	German			
CHEMTREC Germany (Frankfurt)	+(49)- 69643508409		German			
CHEMTREC Greece (Athens)	+(30)-2111768478		Greek			
CHEMTREC Hungary (Budapest)	+(36)-18088425		Hungarian			
CHEMTREC Ireland (Dublin)	+(353)-19014670		English and Irish			
CHEMTREC Italy *		800-789-767	Italian			
CHEMTREC Italy (Milan)	+(39)-0245557031		Italian			
CHEMTREC Latvia (Riga)	+(371)-66165504		Latvian			
CHEMTREC Lithuania (Vilnius)	+(370)-52140238		Lithuanian			
CHEMTREC Luxembourg	+(352)-20202416		French, German,			
	. ,		Luxembourgish			
CHEMTREC Netherlands	+(31)-858880596		Dutch			
CHEMTREC Norway (Oslo)	+(47)-21930678		Norwegian			
CHEMTREC Poland (Warsaw)	+(48)-223988029		Polish			
CHEMTREC Portugal	+(351)-308801773		Portuguese			
CHEMTREC Romania	(+40)-37-6300026	0.000.100.0340	Romanian			
CHEMTREC Russia*	N1/A	8-800-100-6346	Russian			
CHEMTREC Serbia ++	N/A	N/A	Serbian			
CHEMTREC Slovakia (Bratislava)	+(421)-233057972		Slovak			
CHEMTREC Slovenia (Ljubljana)	+(386)-18888016		Slovene/Slovenian			
CHEMTREC Spain*		900-868538	European Spanish			
CHEMTREC Spain (Barcelona)	+(34)-931768545		European Spanish			
CHEMTREC Sweden (Stockholm)	+(46)-852503403		Swedish			
CHEMTREC Switzerland (Zurich)	+(41)- 435082011		Swiss German, French and Italian			
CHEMTREC Turkey (Istanbul)	+(90)-212-7055340		Turkish			
CHEMTREC Ukraine	+(380)-947101374		Ukrainian			
CHEMTREC UK (London)	+(44)-870-8200418		English			

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System Conforms to The United Nations Regulation Globally Harmonized System Mexican Official Standard, NOM-018-STPS-2015, Harmonized System for the Identification and Communication of Hazards and Risks of Hazardous Chemicals in the Workplace Conforms to the Australian Preparation of Safety Data Sheets for Hazardous Chemicals under section 274 of the Work Health and Safety Act

	MIDDLE EAS	Т	
CHEMTREC Bahrain (Bahrain)	+(973)-16199372		Arabic
CHEMTREC Israel (Tel Aviv)	+(972)-37630639		Hebrew
CHEMTREC Saudi Arabia*	+(966)-8111095861		Arabic and English
CHEMTREC Kuwait National	+965-22274681		Arabic and English
	SUB SAHARAN AI	FRICA	
CHEMTREC South Africa*		0-800-983-611	English
	EAST ASIA		
CHEMTREC Hong Kong (Hong Kong)*		800-968-793	Cantonese
CHEMTREC Japan (Tokyo)	+(81)-345209637		Japanese
CHEMTREC South Korea*		00-308-13-2549	Korean
CHEMTREC South Korea	+(82) 070-7686-0086		Korean
CHEMTREC Taiwan*		00801-14-8954	Mandarin
	SOUTHEAST AS	ŜIA	
CHEMTREC Indonesia*		001-803-017-9114	Indonesian
CHEMTREC Malaysia *		1-800-815-308	Malay
CHEMTREC Malaysia (Kuala Lumpur)	+(60)-327884561		Malay
CHEMTREC Philippines *		1-800-1-116-1020	Tagalog
CHEMTREC Philippines (Manila)	+(63) 2-395-3308		Tagalog
CHEMTREC Singapore*		800-101-2201	English and Mandarin
CHEMTREC Singapore	+(65)-31581349		English and Mandarin
CHEMTREC Thailand *		001-800-13-203-9987	Thai
CHEMTREC Vietnam (Hanoi)*	+(84)-444581938		Vietnamese
	SOUTH ASIA	Γ	-
CHEMTREC Bangladesh <sup>++</sup>	N/A	N/A	Bengali
CHEMTREC India *		000-800-100-7141	Hindi
	AUSTRALIA & OCI	EANIA	
CHEMTREC Australia (Sydney)	+(61)-290372994		English
CHEMTREC New Zealand (Auckland)*	+(64)-98010034		English

#### **16.3 CHEMTREC** in country emergency dial numbers continued:

\*Phone numbers for countries marked with an asterisk must be dialed within the country.

\*Prone numbers for countries marked with an asterisk must be dialed within the country.
\*\* Phone numbers marked with a double dagger have a DID and greeting ONLY supplied by CHEMTREC

**16.4 SDS Preparation Date** 11/19/2015 **SDS Previous Issue Date:** None **SDS Revision Date:** 12/26/2017 Revised Sections: 1,2,3,8,11,12 Prepared by SJC Compliance Education, Inc.

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