

## 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
The Workplace Hazardous Materials Information System (WHMIS 2015)
Mexican Official Standard, NOM-018-STPS-2015, Harmonized System for the Identification and
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Conforms to the Australian Preparation of Safety Data Sheets for Hazardous Chemicals under section 274
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Date of Revision: 12/06/2017 Revision: 03

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

1.1 Product Name: Fuel Stabilizer with Ethanol Shield

CAS No: Blend

- 1.2 VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744
- 1.3 Recommended Use: Fuel system treatment
- 1.4 RESTRICTIONS on USE THIS STABILIZER IS FOR GASOLINE ENGINES ONLY
- 1.5 Emergency Response Number: CHEMTREC 800-424-9300 International Emergency Telephone Number: 703-527-3887
- 1.6 See Section 16.3 for CHEMTRC in Country Emergency Numbers

#### **Section 2 - Hazards Identification**

## 2.1 GHS HAZARD

Hazard Classes	<b>Hazard Categories</b>	
Flammable liquid/vapor	Category 4	H227
Eye Irritation	Category 2A	H319
Skin Irritation	Category 2	H315
<b>Specific Target Organs toxicity single exposure</b>	Category 1	H370
Acute Toxicity (Oral)	Category 4	H304
Acute Toxicity (Inhalation)	Category 4	H332
Acute Toxicity (Dermal)	Category 4	H312
Aspiration Hazard	Category 1	H304
Harmful to aquatic life with long lasting effects	Category 3	H412

2.2 Signal Word: Danger

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# 2.4 Hazard Statements

PHYSICAL HAZARDS: H227: Combustible liquid and vapor

HEALTH HAZARDS: H302: Harmful if swallowed

H304: May be fatal if swallowed and enter

airways

H315: Causes skin irritation

H312: Harmful in contact with skin H319: Causes serious eye irritation

H332: Harmful if inhaled

H370: Causes damage to organs

ENVIRONMENTAL HAZARDS: H412: Harmful to aquatic life with long lasting

effects

PRECAUTIONARY STATEMENTS: 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

P260: Do not breathe vapors

P264: Wash hands thoroughly after handling

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,

respiratory and eye protection

RESPONSE STATEMENTS: P301 +310+ P331: IF SWALLOWED: USA

Immediately call the National POISON CENTER

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> at 800-222-1222. OUTSIDE USA Immediately call poison center or doctor.DO NOT induce vomitina

> P303+P361+353: IF ON SKIN Take off immediately all contaminated clothing. Rinse skin with water

P304+340: 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

P306+P361: IF ON CLOTHING, Take off

contaminated

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 unwilling

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:** 

## **Section 3 - Composition / Information on Ingredients**

#### 3.1

CAS#	EC#	Chemical Names	Percent	Classification
N/A	N/A	Blend of alkoxylate al <mark>coh</mark> ol, alkoxylate cresol, saturated fatty acid and modified glycol ether	100%	None

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#### 3.2 Blend Contains

Chemical Names	CAS#	EC/List#	Classification
3-Oxa-1-heptanol	111-76-2	203-905-0	Acute Tox. 4 H302, Acute Tox. 4 H312 Skin Irrit. 2 H315, Eye Irrit 2, H319, Acute Tox. 4 H332
Saturated fatty acid	73398-61-5	277-452-2	Eye Irrit 2 H319
ВНТ	128-37-0	204-881-4	Aquatic Chronic 3 H412
Alkoxylated alcohol	204336-40-3	606-555-0	Aquatic Chronic 3 H412

**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

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

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4.6 Note to Physicians: If you determine that a medical emergency exists, and the specific chemical identity is necessary for emergency or first-aid treatment we will immediately disclose the specific chemical identity. Call CHEMTREC 800-424-9300 or 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**

- **55.1** 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.
- **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. Wear adequate protective equipment. 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.

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## **Section 8 - Exposure Controls / Personal Protection**

#### 8.1

Chemical Names	ACGIH- TLV	OSHA - PEL
Blend of alkoxylate alcohol, alkoxylate cresol, saturated fatty acid and modified glycol ether	25 ppm	*50 ppm

#### 8.2

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.

NOTE: 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."

\*Listed on the OSHA Z1 Table

- **8.3 Ventilation:** Provide a general or local exhaust ventilation system to maintain airborne concentrations below TLV/PELs Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.
- 8.4 Contaminated Equipment: Separate contaminated work clothes from street clothes and launder before reuse.

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

#### 8.5 Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose 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

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#### **8.6** Protective Clothing Pictograms









## **Section 9 - Physical and Chemical Properties**

9.1

Physical State: Liquid Appearance: Various

**Odor:** Petroleum solvent order

Vapor Pressure: 329.9 mmHg@21°C

Vapor Density (Air=1): .4.1

**Specific Gravity (H2O=1,):** 0.75 @ 68°F / 20°C

Relative Density: Not Available Odor Threshold: Not Available

Flammability (solid, gas): Not applicable.

Evaporation rate: Not Available

Partition coefficient octanol/water: Not Available

pH: None

Water Solubility: Soluble

Flash Point: 143.6°F (62°C) closed cup Boiling Point/Range: 275°F 135°C) Lower Explosive Limits (vol % in air): 1%

Upper Explosive Limits (vol % in air): 1%

Melting Point: Not Available Viscosity: 2.03cSt @104°F, 40°C

Auto ignition Temperature: Not Available Decomposition temperature: Not Available

## 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 and Perchloric Acid

**10.4 Hazardous Decomposition Products:** Peroxides

**10.5** Conditions to Avoid: Heat, sparks, open flames, other ignition sources.

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#### **Section 11- Toxicological Information**

#### 11.1

Product Name	Results	Species	Dose	Exposure
Blend of Hydrocarbons and modified glycol ether	Oral LD50	Rat	554.9 mg/kg	4 hours
Blend of Hydrocarbons and modified glycol ether	Inhalation LC50	Rat	4mg/l	4 hours
Blend of Hydrocarbons and modified glycol ether	Dermal LC50	Rabbit	524.9 mg/kg	None Listed

- **11.1.1** OECD Guideline Tests results found in the European Chemical Agency Data Base shows that components of this product to cause Oral Toxicity.
- **11.1.2** OECD Guideline Tests results found in the European Chemical Agency Data Base shows that components of this product to be Inhalation Toxicity.
- **11.1.3** OECD Guideline Tests results found in the European Chemical Agency Data Base shows that components of this product to Dermal 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 Tests results found in the European Chemical Agency Data Base show no components of this product to cause genetic defects
- **11.5 Skin Corrosion/Irritation:** OECD Guideline 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 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 Tests results found in the European Chemical Agency Data Base show no components of this product to cause damage to fertility or the unborn child.
- **11.8 Skin Sensitisation:** 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 Sensitisation:** OECD Guideline Tests results found in the European Chemical Agency Data Base show no components of this product to cause respiratory sensitivity.

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- **11.10** Specific Target Organ Toxicity (Single Exposure): Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria.
- 11.11 Specific Target Organ Toxicity (Repeated Exposure): None
- **11.12 Signs and Symptoms:** Swallowing results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings. Central nervous system depression, headache, narcosis.
- **11.13 Carcinogenicity:** OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause cancer.

Chemical Name	IARC	ACGIH	NTP	OSHA
Blend of Hydrocarbons and	Not classified as a	Confirmed animal with	Not listed	Not Listed
modified glycol ether	carcinogenicity to humans	unknown relevance to		
		humans		

## **Section 12 - Ecological Information**

#### 12.1

Product Name	Results	Species	Exposure	
Blend of Hydrocarbons and	Expected to be harmful to aquatic			
modified glycol ether	organisms. May cause long-term adverse			
	effects in the environment			

**Toxicity:** OECD Guideline 204 Test results found in the European Chemical Agency Data Base show components of this product to cause harmful 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.

## **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.

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## **Section 14 - Transport Information**

#### **14.1 DOT Transport Information**



**ID No.:** UN 2810

**Shipping Name:** Toxic, liquids, organic, n.o.s.(3-Oxa-1-heptanol)

Hazard Class: 6.1
Packing Group: III
Label: Toxic
Placard: Toxic

#### 14.2 TDG Canadian Transport Information



**ID No.: UN 2810** 

Shipping Name: Toxic, liquids, organic, n.o.s.(3-Oxa-1-heptanol)

Hazard Class:6.1
Packing Group: III
Label: Toxic
Placard: Toxic

#### 14.3 IMDG Transport Information



**ID No.:** UN 2810

Shipping Name: TOXIC, LIQUIDS, ORGANIC, N.O.S.(3-Oxa-1-heptanol)

Hazard Class: 6.1 Packing Group: III Flash Point: None EmS Number: F-A, S-A

Label: Toxic Placard: Toxic



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#### **14.4 UN Transport Information**



**ID No.:** UN 2810

**Shipping Name:** Toxic, liquids, organic, n.o.s.(3-Oxa-1-heptanol)

Hazard Class:6.1 Packing Group: III Label: Toxic Placard: Toxic



Use marking when shipping as a consumer commodity ground in the US

14.5 DOT Transport Limited Quantity/Consumer Commodity

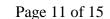
Inner packaging not over
5.0L (1.3 gallons) net capacity each.
Outer Package not over 30kg (66lbs) each



Use marking when shipping as a limited quantity ground in the Canada

14.6 TDG Canada Transport Limited Quantity

Inner packaging not over 5.0L (1.3 gallons) net capacity each.
Outer Package not over 30kg (66lbs) each



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Use marking when shipping as a limited quantity by vessel.

#### 14.7 IMDG Transport Limited Quantity

Inner packaging not over

5.0L (1.3 gallons) net capacity each.

Outer Package not over 30kg (66lbs) each

Shipping Name: TOXIC, LIQUIDS, ORGANIC, N.O.S (3-Oxa-1-heptanol) LTD.QTY.

Hazard Class: 6.1
Packing Group: III
Flash Point: None
EmS Number: F-A, S-A

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

#### 15.1 US Regulations:

**TSCA:** 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: None** 

SARA Community Right-to-Know Program: None

Clean Water Act: None

Clean Air Act: None

OSHA: All ingredients are listed in 1910.1200

**State Regulations** 

California prop. 65: None

#### 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

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

#### 115.3 Europe Regulations

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)	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)	+(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		Romanian		
CHEMTREC Russia*		8-800-100-6346	Russian		
CHEMTREC Serbia ††	N/A	N/A	Serbian		
CHEMTREC Slovakia (Bratislava)	+(421)-233057972	,	Slovak		
, ,	` '				
CHEMTREC Slovenia (Ljubljana) CHEMTREC Spain*	+(386)-18888016	900-868538	Slovene/Slovenian European Spanish		
CHEMTREC Spain (Barcelona)	+(34)-931768545	300-068338	European Spanish		
CHEMTREC Spain (Barcelona) CHEMTREC Sweden (Stockholm)	+(46)-852503403		Swedish		
CHEMTREC Sweden (Stockholm)  CHEMTREC Switzerland (Zurich)	+(46)-852503403		Swiss German, French		
` '		and Italian			
CHEMTREC Turkey (Istanbul)	+(90)-212-7055340		Turkish		
CHEMTREC Ukraine	+(380)-947101374		Ukrainian		
CHEMTREC UK (London)	+(44)-870-8200418		English		

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

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
The Workplace Hazardous Materials Information System (WHMIS 2015)
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 A	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 A	SIA	-	
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	Ī		
CHEMTREC Bangladesh††	N/A	N/A	Bengali	
CHEMTREC India *		000-800-100-7141	Hindi	
AUSTRALIA & OCEANIA				
CHEMTREC Australia (Sydney)	+(61)-290372994		English	
CHEMTREC New Zealand	+(64)-98010034		English	
(Auckland)*	. ,		g .	
*Phone numbers for countries marked with an asterisk must be dialed within the country				
*Phone 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** 02/01/2016

**SDS Previous** Issue Date: None

SDS Revision Date: 07/18/2017 Revised Sections 2,4,5,16

**SDS Revision Date:** 12/06/2017 Revised Sections 1,2,3,9,11,12,14

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