



## 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: 02/05/2018

Revision: 01

### Section 1 - Chemical Product and Company Identification

1.1 Product Name **U4.4**

1.2 Synonym: Blend

1.3 VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744

1.4 Recommended Use: Racing Fuel

1.5 **RESTRICTIONS on USE** **THIS FUEL IS FOR RACING VEHICLE USE ONLY!**  
**NOT LEGAL FOR STREET DRIVEN MOTOR VEHICLE**

1.6 Emergency Telephone: **CHEMTREC 800-424-9300**

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

1.7 See Section 16.3 for CHEMTREC in Country Emergency Numbers

### Section 2 - Hazards Identification

#### 2.1 GHS HAZARD

##### Hazard Classes

##### Hazard Categories

**Highly Flammable liquid/vapor**

**Category 2**

**Specific Target Organs toxicity single exposure**

**Category 3**

**Specific Target Organs repeated exposure**

**Category 1**

**Eye Irritation**

**Category 2B**

**Skin Irritation**

**Category 2**

**Acute Toxicity (Oral)**

**Category 4**

**Mutagenicity**

**Category 1B**

**Carcinogen**

**Category 1B**

**Reproductive Toxicity**

**Category 2**

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**Aspiration Hazard**  
**Toxic to Aquatic Life Long Lasting Effects**

**Category 1**  
**Category 2**

### 2.2 Signal Word: **Danger**



Flame    Health Hazard    Irritant    Aquatic Hazard

### 2.3 Pictograms:

### 2.4 Hazard Statements

#### PHYSICAL HAZARDS:

H225: Highly flammable liquid and vapor

#### HEALTH HAZARDS:

H302: Harmful if swallowed

H304: May be fatal if swallowed and enter the airway

H315: Causes skin irritation

H319: Causes serious eye irritation

H340: May cause genetic defects

H350: May cause cancer

H361: Suspected of damaging fertility or the unborn child

H336: May cause drowsiness or dizziness

H372: Causes damage to organs through prolonged or repeated exposure

#### ENVIRONMENTAL HAZARDS:

H411: Toxic 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

P240: Ground or bond container and receiving equipment

P241: Use explosion-proof equipment

P242 Use only non-sparking tools

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P243 Take precautionary measures against static discharge

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 and eye protection

### RESPONSE STATEMENTS:

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

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

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

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

P376: Stop leaks if safe to do so.

### STORAGE STATEMENTS:

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

### DISPOSAL STATEMENTS:

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

**2.5 Hazards not otherwise classified (HNOC) or not covered by GHS:** Repeated exposure may cause skin dryness or cracking.

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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	60-65%	None
1634-04-4	216-653-1	2-Methoxy-2-methylpropane	35-40%	Flam. Liq. 2 H225, Skin Irrit. 2 H315
78-00-2	201-075-4	Tetraethyle plumb	≤ 0.3%	Acute Tox. 2 H300, Acute Tox. 1 H310, Acute Tox. 2 H330, Repr. 1A H360, STOT RE 2 H373, Aquatic Chronic 1 H410, Aquatic Acute 1 H400

#### 3.2 Blend

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
Trimethylethylene	513-35-9	208-156-3	Flam. Liq. 2 H225, Acute Tox. 4 H302, Muta 1B H340, Carc.1B H350, Aquatic Chronic 2 H411
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

**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.

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**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 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 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

**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.

**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.

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### Section 7 - Handling and Storage

**7.1 Handling Precautions:** Wash hands and exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid ingestion and contact with eyes, skin or clothing. Keep container tightly closed. Avoid inhalation.

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

### 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	300 ppm TWA	300 ppm TWA
2-Methoxy-2-methylpropane	50 ppm TWA	*50 ppm TWA
Tetraethyle plumb	0.1mg/m3	075mg/m3

#### 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.

**8.3 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.

**8.4 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

##### 8.5.1 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).

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### 8.5.2 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

### 8.5.3 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).

### 8.5.4 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.

## 8.6 Protective Clothing Pictograms



Splash  
Goggles



Gloves



Protective  
Apron



Vapor  
Respirator



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### Section 9 - Physical and Chemical Properties

#### 9.1

**Physical State:** Liquid

**Appearance:** Light Green

**Odor:** Aromatic Hydrocarbon Odor

**Vapor Pressure:** Not Available

**Vapor Density (Air=1):** 3.9

**Specific Gravity (H<sub>2</sub>O=1,):** 0.76

**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

**Melting point/freezing point:** Not Available

**Flash Point:** -18.4°F (-28°C) close cup

**Boiling Point / Range:** 97.7 – 402.1°F  
(36.5 – 205.6°C)

**Lower Explosive Limits (vol % in air):** 1%

**Upper Explosive Limits (vol % in air):** 8%

**Viscosity:** 0.46 cSt 104°F, 40°C

**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
2-Methoxy-2-methylpropane	Oral LD50	Rat	4000 mg/kg	None Listed
Tetraethyle plumb	Oral LD50	Rat	14.18 mg/kg	None Listed

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

**11.2 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.



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**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.

Chemical Name	IARC	ACGIH	NTP	OSHA
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	None Listed	None Listed	None Listed	None Listed
2-Methoxy-2-methylpropane	Not classifiable as to carcinogenicity to humans	Confirmed animal with unknown relevance to humans	Not listed	Not Listed
Tetraethyle plumb	None Listed	None Listed	None listed	None Listed

**11.12.1** 2-Methoxy-2-methylpropane should be considered a "potential human carcinogen" due to an increase in leydig interstitial cell tumors of testes in male rats and an increase in lymphomas, leukemias, and uterine sarcomas in female rats. In another unpublished study 2-Methoxy-2-methylpropane was shown to be carcinogenic due to "increased incidence of a rare type of kidney tumor" in male rats and an "increase in the incidence of hepatocellular adenomas" in female mice.

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### 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. May cause long-term adverse effects in the environment		
2-Methoxy-2-methylpropane	LC50 672 mg/l	Fish	96 hours
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.

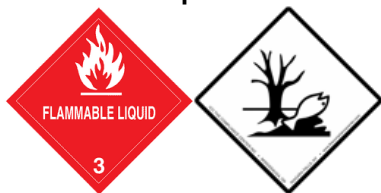
**12.5 Other adverse effects:** Inconclusive technical data.

### 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

#### 4.1 DOT Transport Information



**ID No.:** UN 1203

**Shipping Name:** Gasoline

**Hazard Class:** 3

**Packing Group:** II

**Label:** Flammable

**Placard:** Flammable

**Marking:** MARINE POLLUTANT 2, 2, 4-Trimethylpentane when shipping ground greater than 119 gallons single container or any quantity by water.

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### 14.2 TDG Canadian Transport Information



**ID No.:** UN 1203

**Shipping Name:** Gasoline

**Hazard Class:** 3

**Packing Group:** II

**Label:** Flammable

**Placard:** Flammable

**Marking:** MARINE POLLUTANT 2, 2, 4-Trimethylpentane not regulated if shipped by road or rail

### 14.3 IMDG Transport Information



**ID No.:** UN 1203

**Shipping Name:** GASOLINE

**Hazard Class:** 3

**Packing Group:** II

**Flash Point:** (-28°C c.c.)

**EmS Number:** F-E, S-E

**Label:** Flammable

**Placard:** Flammable

**Marking:** Marine Pollutant 2, 2, 4-Trimethylpentane

### 14.4 ADR/RID Transport Information



**ID No.:** UN 1203

**Shipping Name:** Gasoline

**Hazard Class:** 3

**Packing Group:** II

**Label:** Flammable

**Placard:** Flammable

**Marking:** Marine 2, 2, 4-Trimethylpentane

**Classification Code:** F1

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### 14.5 Australian Dangerous Goods Transport Information



**ID No.:** ID No.: UN1203  
**Shipping Name:** Gasoline  
**Hazard Class:** 3  
**Packing Group:** II  
**Label:** Flammable  
**Placard:** Flammable  
**Marking:** Marine Pollutant 2, 2, 4-Trimethylpentane  
**Marking:** MARINE POLLUTANT The marine pollutant mark is only applicable for packages containing more than 5 liters for liquids.

### 14.6 UN Dangerous Goods Transport Information



**ID No.:** ID No.: UN1203  
**Shipping Name:** Gasoline  
**Hazard Class:** 3  
**Packing Group:** II  
**Label:** Flammable  
**Placard:** Flammable  
**Marking:** Marine Pollutant 2, 2, 4-Trimethylpentane

## Section 15 - Regulatory Information

### 15.1 US Regulations

**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 **1000pounds**

**SARA Community Right-to-Know Program:** Phenylmethane. 1, 1, 2-Trimethylethane

**Clean Water Act:** 2, 2, 4-Trimethylpentane

**Clean Air Act:** None

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**OSHA:** All ingredients are regulated by 1910.1200

### State Regulations

**California prop. 65:** Phenylmethane Reproductive

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.

### 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

#### *Europe inventory:*

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:

<b>CHEMTREC</b> In-Country Dial Numbers	Local # Provided in Country	Toll Free in Country*	Greeting Language
<b>AMERICAS</b>			
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)	+(51)-17071295		Latin American Spanish
CHEMTREC Trinidad and Tobago *	+(1)-868-224-5716		English
<b>EUROPE</b>			
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)	+(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

## U4.4

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

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

MIDDLE EAST			
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 AFRICA			
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 ASIA			
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			
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 (Auckland)*	+(64)-98010034		English
*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 12/18/2015

SDS Previous Issue Date: None

SDS Revision Date: 02/05/2018 Revised sections: 1,2,3,5,8,11,12,16

Prepared by SJC Compliance Education, Inc

16516 El Camino Real Suite 417

Houston, TX 77062