

# SX2 Race Fuel

## Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : SX2

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Fuel

#### 1.3. Details of the supplier of the safety data sheet

Valor, LLC/DBA Renegade  
1200 Alsop Lane  
Owensboro, KY 42303  
T 270-683-2461

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Flam. Liq. 1	H224
Acute Tox. 2 (Oral)	H300
Acute Tox. 2 (Dermal)	H310
Acute Tox. 1 (Inhalation)	H330
Skin Irrit. 2	H315
Repr.1	H360
STOT SE 3	H336
STOT RE 2	H373
Asp. Tox. 1	H304
Germ Cell Mut 1	H340
Carcinogenicity 1	H350
STOT SE 2	H371
STOT RE 1	H372
Aquatic Chronic 2	H411
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Hazard statements (GHS-US) :

: Danger  
: H224 - Extremely flammable liquid and vapor  
H225 - Highly Flammable liquid and vapor  
H227 - Combustible liquid  
H300 - Fatal if swallowed  
H304 - May be fatal if swallowed and enters airways  
H310 - Fatal in contact with skin  
H315 - Causes skin irritation  
H330 - Fatal if inhaled  
H336 - May cause drowsiness or dizziness  
H340 - May cause genetic defects  
H350 - May cause cancer  
H360 - May damage fertility or the unborn child  
H361 - Suspected of damaging fertility or the unborn child  
H371 - May cause damage to organs  
H372 - Causes damage to organs through prolonged or repeated exposure  
H373 - May cause damage to organs through prolonged or repeated exposure  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects

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### Precautionary statements (GHS-US)

: P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting/equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P261 – Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash thoroughly after handling  
P270 – do not eat, drink or smoke while using this product  
P271 - Use only outdoors or in a well-ventilated area  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing  
P308+P313 - IF exposed or concerned: Get medical advice/attention  
P312 - Call a POISON CENTER/doctor/physician if you feel unwell  
P314 - Get medical advice and attention if you feel unwell  
P331 - If swallowed, do NOT induce vomiting  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse  
P370+P378 - In case of fire: Use CO2, dry chemical, foam (AFFF/ATC) or water spray for extinction  
P391 - Collect spillage  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container in accordance with local / regional / national / international regulations.

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Methyl Benzene (Component)	(CAS No) 108-88-3	5 - 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373
Naphtha (petroleum), full-range alkylate n-hexane	(CAS No) 68527-27-5 (Cas No) 110-54-3	20 - 40	Flam Liq 1, H224 Skin Irrit 2, H315 Asp Haz 2, H304 STOT SE 3, H336 STOT SE 1, H370 Repr Tox 2, H361 STOT SE 2, H371 STOT RE 1, H372 Aquat Chronic 2, H411

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Tetraethylplumbane	(CAS No) 78-00-2	≤ 0.03	Flam. Liq. 4, H227 Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Repr. 1A, H360 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,2,4 - Trimethylpentane	(CAS No) 540-84-1	15 - 30	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336
2-Methoxy-2-Methylpropane	(CAS No) 1634-04-4	10 - 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315
2-Methyl-1,3-butadiene	(CAS No) 78-79-5	10 - 30	Flam. Liq. 1, H224 Germ Cell Mut. 2, H340 Carcin. 1, H350

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air. If not breathing, Do not use mouth to mouth method if victim ingested or inhaled the substance; give artificial respirations with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical advice. Get immediate medical attention.
- First-aid measures after skin contact : After contact with skin, wash immediately with plenty of water and soap. If skin reddening or irritation develops, seek medical attention.
- First-aid measures after eye contact : Immediately flush the eyes with plenty of water for at least 15 minutes while holding eyelids apart to ensure flushing of the entire surface of the eye. Continue flushing for an additional 15 minutes if a physician is not immediately available. Seek medical attention, preferably an ophthalmologist, immediately.
- First-aid measures after ingestion : If the material is swallowed, get immediate medical attention or advice. DO NOT induce vomiting unless directed to do so by medical personnel.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Breathing high concentrations may be harmful. May cause central nervous system depression or effects. Symptoms may include headache, excitation, euphoria, dizziness, incoordination, drowsiness, light-headedness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, depending on the concentration and duration of exposure. Breathing high concentrations of this material, for example, in a confined space or by intentional abuse, can cause irregular heartbeats which can cause death.
- Symptoms/injuries after skin contact : Contact may cause reddening, itching and inflammation.
- Symptoms/injuries after eye contact : Contact may cause pain and severe reddening and inflammation of the conjunctiva. Effects may become more serious with repeated or prolonged contact.
- Symptoms/injuries after ingestion : May cause irritation of the mouth, throat and gastrointestinal tract. May cause central nervous system depression or effects. Symptoms may include salivation, pain, nausea, vomiting and diarrhea. Exposure may also cause central nervous system symptoms similar to those listed under "Inhalation"

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : CO<sub>2</sub>, dry chemical, foam (AFFF/ATC) or water spray, dry sand, alcohol-resistant foam
- Unsuitable extinguishing media : Water may be ineffective

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable liquid and vapor.
- Hazardous Combustion Products : Carbon monoxide (CO) Carbon Dioxide (CO<sub>2</sub>)
- Explosion hazard : In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Vapors may travel long distances along ground before igniting/flashing back to vapor source.

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### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Use personal protection equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulate in low areas

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment. Do not flush into surface water or sanitary sewer system.

### 6.3. Methods and material for containment and cleaning up

For containment : If possible, stop flow of product.

Methods for cleaning up : Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Comply with all applicable EPA, OSHA, NFPA and consistent state and local requirements. Use appropriate grounding and bonding practices. Store in properly closed containers that are appropriately labeled and in a cool well-ventilated area. Do not expose to heat, open flames, strong oxidizers or other sources of ignition. Do not cut, drill, grind or weld on empty containers since they may contain explosive residues. Avoid skin contact. Exercise good personal hygiene including removal of soiled clothing and prompt washing with soap and water. Smoking, eating and drinking should be prohibited in the application area.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### 7.3. Specific end use(s)

Fuel

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 2-Methoxy-2-Methylpropane (1634-04-4)

USA ACGIH

ACGIH TWA (ppm)

50 ppm

#### Methyl Benzene (108-88-3)

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USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm

### n-hexane (110-54-3)

USA ACGIH	ACGIH TWA	50 ppm
NIOSH	IDLH	1,100 ppm – Remarks 10% LEL
US (OSHA)	TWA	500 ppm 1,800 mg/m <sup>3</sup>

### n-hexane (110-54-3)

Control parameters	Biological Specimen	Sampling time	Concentration	Basis
2,5-Hexanedione without hydrolysis	Urine	End of shift at end of work week	.4 mg/l	ACGIH_BEIS

### Tetraethylplumbane (78-00-2)

USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.075 mg/m <sup>3</sup>

## 8.2. Exposure controls

Appropriate engineering controls	: Local exhaust and general ventilation must be adequate to meet exposure standards. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation locations
Hand protection	: Wear impervious gloves to minimize skin contact. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough
Eye protection	: Safety glasses. Wear splash goggles if splashing is likely. Eye wash bottle with pure water.
Skin and body protection	: Wear suitable working clothes. Flame retardant antistatic protective clothing. Workers should wear antistatic footwear.
Respiratory protection	: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Odor	: Strong hydrocarbon
Odor threshold	: No data available
pH	: Neutral
Relative evaporation rate (butylacetate=1)	: No data available
Initial boiling point	: <150°F
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available

Relative vapor density at 20 °C	: 8.35
Specific gravity	: .711
Solubility	: Negligible.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content	: 100 %
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions. Sensitivity to light. Air sensitive.

#### 10.3. Possibility of hazardous reactions

Will not occur.

#### 10.4. Conditions to avoid

Heat, flames, and other ignition sources.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Combustion produces carbon monoxide, aldehydes, aromatic and other hydrocarbons.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Harmful in contact with skin. Harmful if inhaled.

<b>2-Methyl-1,3-butadiene (78-79-5)</b>	
LD50 Oral	2043-2210 mg/kg (Rat)
LD50 Dermal	>1 mL/kg (Rat)
LC50 Vapor	180 mg/L (Rat) 4 h

<b>2-Methoxy-2-Methylpropane (1634-04-4)</b>	
LD50 oral rat	4 g/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 inhalation rat (ppm)	23576 ppm/4h
ATE US (oral)	4000000.00000000 mg/kg

<b>Naphtha, petroleum, full-range alkylate, butane-containing (68527-27-5)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5610 mg/m <sup>3</sup> 4 hours

<b>Methyl Benzene (108-88-3)</b>	
LD50 oral rat	636 mg/kg
LD50 dermal rabbit	8390 mg/kg
LC50 inhalation rat (mg/l)	12.5 mg/l/4h
ATE US (oral)	636.00000000 mg/kg
ATE US (dermal)	8390.00000000 mg/kg

<b>Tetraethylplumbane (78-00-2)</b>	
LC50 inhalation rat (mg/l)	850 mg/m <sup>3</sup> (Exposure time: 1 h)
ATE US (oral)	5.00000000 mg/kg body weight
ATE US (dermal)	5.00000000 mg/kg body weight
ATE US (gases)	100.00000000 ppmV/4h
ATE US (vapors)	0.50000000 mg/l/4h
ATE US (dust, mist)	0.05000000 mg/l/4h

<b>2,2,4 Trimethylpentane (540-84-1)</b>	
LD50 oral rat	>5,000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat (ppm)	>33.52 mg per liter (Exposure time: 4 h)

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Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause respiratory tract irritation
Germ cell mutagenicity	: Animal experiments showed mutagenic and teratogenic effects.
Carcinogenicity	: May cause cancer.

<b>Methyl Benzene (108-88-3)</b>	
IARC group	3 - Not classifiable

<b>2-Methoxy-2-Methylpropane (1634-04-4)</b>	
IARC group	3 - Not classifiable

<b>2-Methyl-1,3-butadiene (78-79-5)</b>	
IARC	Group 2B
NTP	Reasonably Anticipated
ACGIH	Not Listed
OSHA	X
Mexico	Not Listed

<b>Tetraethylplumbane (78-00-2)</b>	
IARC group	3 - Not classifiable

<b>2,2,4 Trimethylpentane (540-84-1)</b>	
IARC group	No Ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No Ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
National Toxicity Program (NTP) Status	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. Central nervous system (CNS)

Specific target organ toxicity (repeated exposure): May cause damage to organs through prolonged or repeated exposure. Affected organs include: blood, kidneys, reproductive system, liver, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Aspiration hazard : May be fatal if swallowed and enters airways.

Symptoms / effects, both acute and delayed : Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting

Other Adverse Effects : The toxicological properties have not been fully investigated.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

<b>2-Methoxy-2-Methylpropane (1634-04-4)</b>	
LC50 fish 1	672 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	542 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	> 800 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC50 fish 2	929 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 other aquatic organisms 2	184 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)

<b>2-Methyl-1,3-butadiene (78-79-5)</b>	
EC50 Freshwater Algae	>1000 mg/L, 96h (Scenedesmus quadricauda)
LC50 Fish	32.5 – 50.15 mg/L, 96 h static (Lepomis macrochirus)

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LC50 Fish	58.75-95.32 mg/L, 96 h static (Pimephales promelas)
LC50 Fish	188.77 – 305.14 mg/L, 96h static (Poecilia reticulata)
Microtox	Not listed
EC50 Water Fleas	140 mg/L, 48 h (Daphnia magna)

### Naphtha, petroleum, full-range alkylate, butane-containing (68527-27-5)

EC50 Daphnia 1	2 mg/l (Exposure time: 48 h - Species: Mysidopsis bahia)
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### Methyl Benzene (108-88-3)

LC50 fish 1	15.22 - 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	5.46 - 9.83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 other aquatic organisms 1	> 433 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 other aquatic organisms 2	12.5 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata [static])

### Naphtha (petroleum), full-range alkylate (68527-27-5)

LL50: 8.2 mg/l	Exposure time: 96 H Species: Pimephales Promelas Semi static test Test substance: Light alkylate naphtha
EL50: 4.5 mg/l	Exposure time: 48 H Species: Daphnia magna (Water flea)
EL50: 4.5 mg/l	Exposure Time: 96 h Species: Pseudokirchneriella Subcapitata (algae) Growth inhibition
NOELR: 18 mg/l	Exposure Time : 96 Hours Species: Pseudokirchneriella subcapitata (aglae) Growth inhibition
LL50 5.2 mg/l	Exposure Time: 14 d Species Pimephales Promelas (fathead minnow)
NOELR: 2.6 mg/l	Exposure Time: 21d Species: daphnia magna Reproduction Test – Test Substance: light alkylate naphtha
10mg/l	Exposure time: 21 d Species: Daphnia magna
Biodegradability	Inherently biodegradable

### Tetraethylplumbane (78-00-2)

LC50 fish 1	84 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	0.085 mg/l (Exposure time: 48 h - Species: Artemia salina)
LC50 fish 2	19.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas)

### 2,2,4 Trimethylpentane (540-84-1)

LC50 fish 1	.11 mg/l (Exposure time: 96 h – Species: Oncorhynchus Mykiss [Rainbow Trout])
EC50 Daphnia 1	.4 mg/l (Exposure time: 48 h - Species: Daphnia magna [Water Flea])

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

### 2-Methoxy-2-Methylpropane (1634-04-4)

BCF fish 1	(no bioaccumulation expected)
Log Pow	1.06 (at 23 °C)

### 2-Methyl-1,3-butadiene (78-79-5)

Log Pow	2.42
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Methyl Benzene (108-88-3)	
Log Pow	2.65

Tetraethylplumbane (78-00-2)	
BCF fish 1	92 - 3189
Log Pow	4.32 (at 20 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available


## SECTION 13: Disposal consideration

### 13.1. Waste treatment methods

- Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.
- Product : The products should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
- Contaminated Packaging : Empty Remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on the empty drum.

## SECTION 14: Transport information

In accordance with DOT

- Transport document description : UN1203 Gasoline includes gasoline mixed with ethyl alcohol, with not more than 10% alcohol, 3, II
- UN-No.(DOT) : 1203
- DOT NA no. : UN1203
- DOT Proper Shipping Name : Gasoline  
includes gasoline mixed with ethyl alcohol, with not more than 10% alcohol
- Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
- Hazard labels (DOT) : 3 - Flammable liquid
- 
- Packing group (DOT) : II - Medium Danger

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DOT Special Provisions (49 CFR 172.102)	: 144 - If transported as a residue in an underground storage tank (UST), as defined in 40 CFR 280.12, that has been cleaned and purged or rendered inert according to the American Petroleum Institute (API) Standard 1604 (IBR, see 171.7 of this subchapter), then the tank and this material are not subject to any other requirements of this subchapter. However, sediments remaining in the tank that meet the definition for a hazardous material are subject to the applicable regulations of this subchapter. 177 - Gasoline, or, ethanol and gasoline mixtures, for use in internal combustion engines (e.g., in automobiles, stationary engines and other engines) must be assigned to Packing Group II regardless of variations in volatility. B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this sub-chapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this sub-chapter are applicable. B33 - MC 300, MC 301, MC 302, MC 303, MC 305, MC 306, and DOT 406 cargo tanks equipped with a 1 psig normal vent used to transport gasoline must conform to Table I of this Special Provision. Based on the volatility class determined by using ASTM D 439 and the Reid vapor pressure (RVP) of the particular gasoline, the maximum lading pressure and maximum ambient temperature permitted during the loading of gasoline may not exceed that listed in Table I. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T4 - 2.65 178.274(d)(2) Normal.....178.275(d)(3)
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: E - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### 2-Methoxy-2-Methylpropane (1634-04-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting	1.0 %

#### Methyl Benzene (108-88-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on SARA Section 313 (Specific toxic chemical listings)

#### Methyl Benzene (108-88-3)

SARA Section 313 - Emission Reporting	1.0 %
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#### Tetraethylplumbane (78-00-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on SARA Section 302 (Specific toxic chemical listings)

SARA Section 302 Threshold Planning Quantity (TPQ)	100
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#### 2,2,4 Trimethylpentane (540-84-1)

SARA 311/312 Hazards	Fire Hazard Acute Health Hazard
CERCLA Reportable Quantity	1000 Lbs 2,2,4-Trimethylpentane
Sara 302 Reportable Quantity	This material does not contain any components with a SARA 302 RQ
SARA 302 Threshold Planning Quantity	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 304 Reportable Quantity	This material does not contain any components with a section 304 EHS RQ

# SX2 Race Fuel

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SARA 13 Ingredients	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) report levels established by SARA Title III, Section 313.
Naphtha (petroleum), full-range alkylate (68527-27-5)	
SARA 311/312 Hazards	Fire Hazard Immediate (acute) Health Hazard Delayed (Chronic) Health Hazard

### 2-Methyl-1,3-butadiene (78-79-5)

TSCA	X
TSCA Inventory notification Active/Inactive	Active
TSCA – EPA Regulatory Flags	-
SARA 313	Weight% ≥15% SARA 313 Threshold Values % - .01
SARA 311/312 Hazard Categories	See Section 2 for more information
CWA (Clean water Act)	CWA – Hazardous Substances – x CWA Reportable Quantities – 100lb
CERCLA	This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)
California Proposition 65	This product contains the following Proposition 65 Chemicals Carcinogen

### 15.2. US State regulations

#### Methyl Benzene (108-88-3)

U.S. – California - Proposition 65 - Carcinogens List	U.S. – California - Proposition 65 - Developmental Toxicity	U.S. – California - Proposition 65 - Reproductive Toxicity - Female	U.S. – California - Proposition 65 - Reproductive Toxicity – Male	No significance risk level (NSRL)
	Yes	Yes		

#### Naphtha (petroleum), full-range alkylate (68527-27-5)

U.S. – California – Proposition 65 – Ingredients	This product does not contain any chemicals known to the state of California to cause cancer, birth, or any other reproductive defects.
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#### 2-Methoxy-2-Methylpropane (1634-04-4)

U.S. - Massachusetts - Right To Know List  
U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

#### Methyl Benzene (108-88-3)

U.S. - Massachusetts - Right To Know List  
U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

#### Tetraethylplumbane (78-00-2)

U.S. - Massachusetts - Right To Know List  
U.S. - Minnesota - Hazardous Substance List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

#### 2,2,4 Trimethylpentane (540-84-1)

U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

#### 2-Methyl-1,3-butadiene (78-79-5)

US Department of Homeland Security	DHS Chemical Facility Anti-Terrorism Standard Release STQs – 10000lb
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### SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 1 (Dermal)	Acute toxicity (dermal) Category 1
Acute Tox. 2 (Inhalation)	Acute toxicity (inhalation) Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral) Category 2
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 1	Flammable liquids Category 1
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 4	Flammable liquids Category 4
Repr. 1	Reproductive toxicity Category 1
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Germ Mut 1	Germ cell mutagenicity Category 1
Carcinogenicity 1	Carcinogenicity Category 1
STOT SE 2	Specific Target organ toxicity- Single exposure Category 2
STOT RE 1	Specific Target organ toxicity repeated exposure category 1
Aquatic chronic 2	Hazardous to aquatic environment long term chronic Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H224	Extremely flammable liquid and vapor
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H300	Fatal if swallowed
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
H315	Causes skin irritation
H330	Fatal if inhaled
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H361	Suspected of damaging fertility or the unborn child
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

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## Safety Data Sheet

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

**Trade Secret Provision:** *In accordance with OSHA regulations and policies, the specific percentages and specific names of certain chemicals are being designated a trade secret and are not disclosed herein. In compliance with current regulations, this SDS provides the necessary properties and effects of the chemicals listed for this product. In cases of medical emergency, medical personnel can contact the emergency number listed and obtain the specifics of these chemicals. Should this need arise, we will request the attending physician provide to us, at such time as appropriate, a letter stating the medical necessity and a signature of confidentiality for the obtained information.*