



Safety Data Sheet

Conforms to OSHA 29 CFR 1910.1200 and aligns to the United Nations Globally Harmonized System
Revision Date: 10/25/2020 Revision 01

Section 1 - Chemical Product and Company Identification

Product Name: Kawasaki Motors Corp., U.S.A. SEF 4 Cycle

Synonym: Blend

Distributed by Kawasaki Motors Corp., U.S.A. 5080 36th St SE, Grand Rapids, MI 49512, 616.949.6500

Manufactured under license by VP Racing Fuels, Inc., 204 E. Rhapsody, San Antonio, Texas 78216, 210.635.7744

Recommended Use: Small Engine Fuel

RESTRICTIONS on USE

THIS PRODUCT IS FOR 4 CYCLE GASOLINE ENGINE USE ONLY!

Emergency Response Number: CHEMTREC 800-424-9300

Section 2 - Hazards Identification

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 2
Eye Irritation	Category 2
Skin Irritation	Category 2
Acute Toxicity Inhalation	Category 4
Mutagenicity	Category 1B
Carcinogen	Category 1B
Reproductive Toxicity	Category 2
Aspiration Hazard	Category 1
Toxic to Aquatic Life Long-Lasting Effects	Category 2

Signal Word: Danger

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Pictograms:

Flame

Health Hazard

Irritant

Aquatic Hazard

Hazard Statements

PHYSICAL HAZARDS:

H225: Highly flammable liquid and vapor

HEALTH HAZARDS:

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.

H340: May cause genetic defects.

H350: May cause cancer.

H361: Suspected of damaging fertility or the unborn child.

H373: May cause 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.

P233: Keep container tightly closed.

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 mist.

P264: Wash hands thoroughly after handling.

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

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves, clothing, and eye protection.

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RESPONSE STATEMENTS:

P301 +P310+ P331: IF SWALLOWED:
Immediately call the National POISON CENTER at **800-222-1222**. 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.
P313+P332+P337: If skin or eye irritation persists, get medical attention.
H314: Get medical attention if you feel unwell.
P362+P364: IF ON CLOTHING, take off contaminated clothing and wash it before reuse
P370+P378: In case of fire, use foam, carbon dioxide, dry chemicals to extinguish the fire.
P391: Collect spillage.

STORAGE STATEMENTS:

P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.

DISPOSAL STATEMENTS:

P501: Dispose of content and container following 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.

Section 3 - Composition / Information on Ingredients

CAS#	Chemical Names	Percent	Classification
N/A	Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	100%	None

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Blend

Chemical Names	CAS#	Classification
1,1,2-Trimethylethane	78-78-4	Flam. Liq. 1 H224, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit 2, H319, STOT SE 3 Central nervous Sys Inhalation H336, Aquatic Chronic 2 H411
Phenylmethane	108-88-3	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
Alkylate Full Range	64741-64-6	Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit 2, H319, STOT SE 3 Central Nervous Sys. Inhalation H336, Muta. 1B H340, Carc. 1B H350, Aquatic Chronic 2 H411

Trade Secret Provision and Chemical Concentration Disclosure: Per OSHA and GHS Regulations, we have withheld specific percentages of the mixture's chemicals. The chemical concentrations have been disclosed as a blend and apply to the hazards identified in this Safety Data Sheet.

Section 4 - First Aid Measures

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.

Skin: Prolonged and repeated liquid contact can cause defatting and drying of the skin and lead to irritation and 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 and wash clothing before reuse.

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.

Inhalation: Prolonged breathing of high vapor concentrations can produce headaches, 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.

After first aid, get appropriate paramedic or community medical support.

Note to Physicians: The severity of outcome following ingestion may be 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.

Section 5 - Fire-Fighting Measures

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

Hazardous Combustion Products: Avoid fumes of burning products.

Extinguishing Media: Carbon dioxide, dry chemical, foam.

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

Section 6 - Accidental Release Measures

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

Spills: Avoid direct contact with the material. Stop leak if without risk. Move containers from the 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

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 ignition sources. They may explode and cause injury or death.

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

Chemical Incompatibilities: Strong oxidizing agents and strong reducing agents.

Section 8 - Exposure Controls / Personal Protection

Chemical Names	ACGIH- TLV	OSHA - PEL
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	20 - 300 ppm TWA	20- 300 ppm TWA

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 workweek which shall not be exceeded.

Ventilation: Provide general or local exhaust ventilation systems 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.

Contaminated Equipment: Separate contaminated work clothes from street clothes and launder before reuse. Remove this material from your shoes and clean personal protective equipment.

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Personal protective equipment

Respiratory protection

Where risk assessment shows that air-purifying respirators are appropriate for a full-face respirator with multi-purpose combination 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).

Hand protection

Handle with gloves. Gloves must be inspected before use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use. Select gloves tested to the **ANSI/ISEA 105-2011**.

Full contact: Viton

Splash contact: Viton

Viton Registered trademark of The Chemours Company FC, LLC.

Eye protection

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

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.

Protective Clothing Pictograms



Splash Goggles



Gloves



Protective Apron



Vapor Respirator

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance: Various

Odor: Aromatic Hydrocarbon Odor

Vapor Pressure: Not Available

Vapor Density (Air=1): >1

Specific Gravity (H₂O=1,): 0.72

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: 31.9°F (-35.5°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: <20.5mm²/s @104°F 40°C

Auto ignition Temperature: Not Available

Decomposition Temperature: Not Available

pH: None

Section 10 - Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Polymerization: Hazardous polymerization has not been reported.

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Chemical Incompatibilities: Strong oxidizing agents.

Hazardous Decomposition Products: Combustion produces carbon monoxide and carbon dioxide.

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

Section 11- Toxicological Information

Acute Toxicity Estimate for this blend (ATE)

ATE (Oral): 2824 mg/kg

ATE (Dermal): 2439 mg/kg

ATE (Inhalation vapor/mist): 6.67 mg/l mist

OECD Guideline Test results found in the European Chemical Agency Database show that there are no components of this product to cause Harmful Oral Toxicity.

OECD Guideline Test results found in the European Chemical Agency Database show that there are no components of this product to cause Harmful Dermal Toxicity.

OECD Guideline Test results found in the European Chemical Agency Database show that this product's components cause Harmful Inhalation Toxicity.

Aspiration Hazard: European Chemical Agency Database shows that this product's components may be fatal if swallowed and enters airways.

Mutagenicity: OECD Guideline Test results found in the European Chemical Agency Database show this product's components cause genetic defects.

Skin Corrosion/Irritation: OECD Guideline Test results found in the European Chemical Agency Database show that no product components cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Serious Eye Damage/Irritation: OECD Guideline Test results found in the European Chemical Agency Database show that no product components cause serious eye irritation.

Reproductive toxicity: OECD Guideline Test results found in the European Chemical Agency Database show this product's components cause damage to fertility or the unborn child.

Skin Sensitization OECD Guideline Tests results found in the European Chemical Agency Database show no product components to cause skin sensitivity.

Respiratory Sensitization OECD Guideline Tests results found in the European Chemical Agency Database show no product components to cause respiratory sensitivity.

Specific Target Organ Toxicity (Single Exposure): European Chemical Agency Database shows that these products components may damage the central nervous system (CNS).

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

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

Carcinogenicity: OECD Guideline Test results found in the European Chemical Agency Database show that this product's components cause cancer.

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Section 12 - Ecological Information

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		

Toxicity: OECD Guideline Test results found in the European Chemical Agency Database show this product's components to cause long-term toxicity to aquatic life.

Mobility: Floats on water.

Persistence/degradability: Inconclusive technical data.

Bioaccumulation: Inconclusive technical data.

Section 13 - Disposal Considerations

Disposal: DO NOT REUSE EMPTY CONTAINER! The container should be emptied before discard. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

DOT Transport Information



ID No.: UN 1203

Shipping Name: Gasoline

Hazard Class: 3

Packing Group: II

Label: Flammable

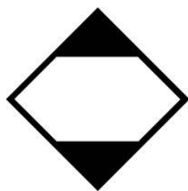
Placard: Flammable



Marking: MARINE POLLUTANT Alkylate Full Range when shipping ground greater than 119 gallons single container or any quantity by water.

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Use marking when shipping as a Limited Quantity ground in the US

DOT Transport Limited Quantity

Inner packaging not over

1.0L (0.3 gallons) net capacity each.

Outer Package not over 30kg (66lbs) each

Section 15 - Regulatory Information

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.

Toxic Release Inventory (TRI): This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know- Act of 1986 (40 CFR 372):

CAS Number	Chemical Name	Chemical percentage by weight not exceeding
108-88-3	Phenylethane	18%
110-54-3	n-Hexane	At demines% limits
100-41-4	Ethylbenzene	At demines% limits

This information must be included in all SDSs that are copied and distributed for this material.

CERCLA Hazardous Substances and corresponding RQs: Phenylethane 1000lbs, N-Hexane 5000 lbs, Ethylbenzene 1000 lbs.

SARA Community Right-to-Know Program: All components of this blend

Clean Water Act: None

Clean Air Act: 1,1,2-Trimethylethane

OSHA: All ingredients are regulated by 29 CFR 1910.1200

State Regulations

California prop. 65



WARNING- This product can expose you to chemicals including Ethylbenzene CAS # 100-41-4 and Phenylethane CAS # 188-88-3 and n-Hexane CAS # 110-54-3, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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.

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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.

Section 16 - Other Information

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 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 product's suitability for their particular purpose and on the condition that they assume the risk of their use.

References: CHEMpendium database of the Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller online, European Chemical Agency Data Base and MSDS and SDS of chemicals in this mixture.

SDS Preparation Date 01/13/2020

SDS Previous Issue Date: None

SDS Revision Date 10/25/2020 Revised Sections 2,3.11,15,16

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END OF SAFETY DATA SHEET

