



Safety Data Sheet

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia
Date of Revision: 06/17/2022 Revision: 02

Section 1 - Chemical Product and Company Identification

1.1 Product Name: **M2**

1.2 Synonyms: Blend

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

1.4 Supplier: VP Racing Fuels Pty Ltd, Unit 24 85-115 Alfred Road, Chipping Norton, NSW 2170, Australia 02 9723 4233, **Emergency Telephone:** 0421 116 838.

1.5 Recommended Use: Lubricant

1.6 **RESTRICTIONS on USE** **THIS IS LUBRICANT FOR RACING FUEL USE ONLY!**

1.7 Emergency Response Number: **CHEMTREC 800-424-9300**

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

CHEMTREC Australia (Sydney) **+(61) 290372994**

1.8 Poison Control Centre: 13 11 26, 24 hours a day from Australia.

Section 2 - Hazards Identification

2.1 GHS HAZARD

Hazard Classes

Skin irritation

Eye irritation

Skin Sensitization

Hazard Categories

Category 2

Category 2A

Category 1

2.2 Signal Word: **Warning**



Irritant



Keep away from children

2.3 Pictograms:

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2.4 Hazard Statements

PHYSICAL HAZARDS:	None
HEALTH HAZARDS:	H316 Causes skin irritation. H317: May cause an allergic skin reaction. H320 Causes serious eye irritation.
ENVIRONMENTAL HAZARDS:	None
PRECAUTIONARY STATEMENTS:	P102: Keep out of reach of children. P261: Avoid breathing mist. P264: Wash hands thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves, clothing, and eye protection.
RESPONSE STATEMENTS:	P303+P361+353: IF ON SKIN: Immediately remove all contaminated clothing. Rinse skin with water. P305+P351: IF IN EYES: Rinse cautiously with water for at least 15 minutes. P313+P332+P333+P337: If skin or eye irritation persists or skin rash occurs, get medical attention. P362+P364: Take off contaminated clothing and wash them before reuse.
STORAGE STATEMENTS:	None
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: AUH066 Repeated exposure may cause skin dryness and cracking.

Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC#	Chemical Names	Percent	Classification
25322-69-4	500-039-8	Methyloxirane homopolymer	90 – 99%	Not Classified
25619-56-1	247-132-7	Barium bis(dinonylnaphthalenesulphonate)	1 - 10%	Acute Tox. 4 H302, Skin Irrit. 2, Skin Senes.1 H317, Eye Irrit. 2 H319, Acute Tox .4 H332

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3.2 Trade Secret Provision and Chemical Concentration Disclosure: In accordance with GHS Regulations, we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a range and apply to the hazards identified in this Safety Data Sheet.

Section 4 - First Aid Measures

4.1 Eye: Contact with the eyes can irritate. Symptoms may include discomfort or pain and redness.

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 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.

4.3 Ingestion: Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting.

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

4.4 Inhalation: Prolonged breathing of high vapor concentrations can produce headaches, dizziness, nausea, and impaired vision. Extreme 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 the outcome following exposure may be related to the time between the exposure and treatment rather than the amount of exposure. Therefore, there is a need for rapid treatment of any 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 at 800-424-9300 or 703-527-3887. We will require a written statement of need and confidentiality agreement 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 products.

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

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

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Section 6 - Accidental Release Measures

6.1 Spill /Leak Procedures: Ventilate area.

6.2 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 it in a container for disposal.

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 the 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	OEL
Methyloxirane homopolymer	10 mg/m ³ TWA	None Shown
Barium bis(dinonylnaphthalenesulphonate)	5 mg/m ³ TWA	None Shown

8.2

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.

OEL = Occupational 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.

8.3 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.

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 that 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).

8.5.2 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** or European EN374 Standard.

Full contact: Viton

Splash contact: Viton

Registered trademark of The Chemours Company FC, LLC.

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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

Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid

Appearance: Clear

Odor: Odorless

Vapor Pressure: Not Available

Vapor Density (Air=1): Not Available

Specific Gravity (H₂O=1): Not Available

Odor Threshold: Not Available

Flammability (solid, gas): Not applicable.

Evaporation rate: Not Available

Partition coefficient octanol/water: Not Available

Water Solubility: Completely miscible

Flash Point: Not Available.

Boiling Point: Not Available

Freezing/Melting Point: Not Available

Lower Explosive Limits (vol % in air): 2.6%

Upper Explosive Limits (vol % in air): 12.5%

Viscosity: Viscosity: Kinematic 58-139 cm²/s@ 40°C

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

Section 11- Toxicological Information

11.1

Acute Toxicity Estimate for this blend (ATE)

ATE (Oral): 4000 mg/kg

ATE (Dermal): 3333 mg/kg

ATE (Inhalation vapor/mist): 20.4 mg/l vapor

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

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

11.1.3 OECD Guideline Test results found in the European Chemical Agency Database show that no components of this product cause Harmful Inhalation Toxicity.

11.2 Route of Entry: Inhalation, Ingestion, Skin, and Eye Contact.

11.3 Aspiration Hazard: European Chemical Agency Database shows that no components of this product may be fatal if swallowed and enters airways.

11.4 Mutagenicity: OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause genetic defects.

11.5 Skin Corrosion/Irritation: OECD Guideline Test results found in the European Chemical Agency Database show that this product's components cause skin irritation. Repeated exposure may cause skin dryness or crack.

11.6 Serious Eye Damage/Irritation: OECD Guideline Test results found in the European Chemical Agency Database show that this product's components cause serious eye irritation.

11.7 Reproductive toxicity: OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause damage to fertility or the unborn child.

11.8 Skin Sensitization: OECD Guideline Test results found in the European Chemical Agency Database show components of this product cause skin sensitivity.

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

11.10 Specific Target Organ Toxicity (Single Exposure): European Chemical Agency Database shows that no components of this product be toxic to organs due to a single exposure. However, it may irritate the skin, eyes, and upper respiratory tract.

11.11 Specific Target Organ Toxicity (Repeated Exposure): European Chemical Agency Database shows that no components of this product be toxic to organs due to repeat exposure. However, it may irritate the skin, eyes, and upper respiratory tract.

11.12 Signs and Symptoms: Effects due to exposure may include: Headache, Dizziness, Drowsiness, skin eye, and eye irritation. Symptoms may be delayed.

11.13 Carcinogenicity: OECD Guideline Test results found in the European Chemical Agency Database show no product components to cause cancer.

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Section 12 - Ecological Information

12.1

Product Name	Results	Species	Exposure
Methyloxirane homopolymer	LC50 100 mg/l	Fish	96 hours
Barium	LC50 10000 mg/l	Fish	96 hours

Toxicity: OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to be harmful and cause long-term toxicity to aquatic life. **DO NOT** discharge into a sewer or waterway.

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! The container should be completely emptied before being discarded. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

14.1 Australian Transport Information
Not Regulated

14.2 IMDG Transport Information
Not Regulated

14.3 UN Dangerous Goods Transport Information
Not Regulated

Section 15 - Regulatory Information

15.1

Australian manufacturers and importers' obligations under the WHS Regulations: 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 failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall determine the product's suitability for their particular purpose and that they assume the risk of their use.

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16.2 References: CHEMpendium database of the Canadian Centre for Occupational Health and Safety (CCOHS) and MSDS and SDS of chemicals in this mixture.

16.3 SDS Preparation Date 07/02/2015

SDS Previous issue Date: None

SDS Revision Date: 09/17/2020 Revised Sections: 1,2,3,8,9,11,13,14,15,16

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END OF SAFETY DATA SHEET