



# FVP MASS AIR FLOW SENSOR CLEANER

## Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

### 1. Product Identification

<b>Product Information:</b>	1000051967 PART#MAFC-55GAL
<b>Product Identifier:</b>	FVP MASS AIR FLOW SENSOR CLEANER
<b>Recommended Use:</b>	Cleaner
<b>Manufacturer/Importer/Distributor Information:</b>	FACTORY MOTOR PARTS CO 1380 CORPORATE CENTER CURVE, SUITE 200 EAGAN, MN 55121 US 866-387-3343
<b>Emergency Telephone:</b>	1-866-836-8855

### 2. Hazard(s) identification

#### Classification

Flammable Liquid, category 2  
Aspiration Hazard, category 1  
Skin Irritation, category 2  
STOT, single exposure, category 3, NE  
Reproductive Toxicity, category 2

#### Label elements

#### HAZARD PICTOGRAMS



#### SIGNAL WORD

Danger

#### GHS HAZARD STATEMENTS

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.

#### GHS PRECAUTIONARY STATEMENTS

##### Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P203	Obtain, read and follow all safety instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust, fumes, gas, mist, vapours, or spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and protective clothing
<b>Response</b>	
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P318	IF exposed or concerned, get medical help.
P319	Get medical help if you feel unwell.
P331	Do NOT induce vomiting.
P332+P317	If skin irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use carbon dioxide, dry chemical, or foam to extinguish.
<b>Storage</b>	
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.
<b>Disposal</b>	
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other Information**

None

### 3. Composition/Information on Ingredients

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Naphtha, (Petroleum), Hydrotreated Light	64742-49-0	50-75
n-Heptane	142-82-5	25-50
Methylcyclohexane	108-87-2	2.5-10
Toluene	108-88-3	0.1-1.0
n-Hexane	110-54-3	0.1-1.0
Cyclohexane	110-82-7	0.1-1.0

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

### 4. First-aid Measures

**SKIN CONTACT:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

**EYE CONTACT:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact

lenses. If eye irritation persists: Get medical advice/attention.

**INHALATION:** Move to fresh air.

**INGESTION:** Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center.

**IMPORTANT SYMPTOMS:** No data available

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** Symptoms may be delayed.

## 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** Use fire-extinguishing media appropriate for surrounding materials.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No data available

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS :** Ventilate closed spaces before entering them. **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal. In case of leakage, eliminate all ignition sources.

**ENVIRONMENTAL PRECAUTIONS:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

## 7. Handling and Storage

**HANDLING:** No data available

**SAFE HANDLING ADVICE:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Observe good industrial hygiene practices. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges.

**STORAGE:** No data available

**NFPA 30B:** No data available

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Naphtha, (Petroleum), Hydrotreated Light	N.E.	N.E.	100 ppm	N.E.
n-Heptane	400 ppm	500 ppm	500 ppm	N.E.
Methylcyclohexane	400 ppm	N.E.	500 ppm	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**ENGINEERING CONTROLS:** No data available

### Personal Protection

**EYE/FACE PROTECTION:** Wear goggles/face shield.

**SKIN PROTECTION:** No data available

**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**HYGIENIC PRACTICES:** When using do not smoke. Observe good industrial hygiene practices.

## 9. Physical and Chemical Properties

### Appearance:

Physical State:	Liquid
Form:	Clear
Color:	No data available
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	88
Flash Point, °C:	-9
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	No data available
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	0.693
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

## 10. Stability and Reactivity

**REACTIVITY:** No data available

**STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available

**CONDITIONS TO AVOID:** Heat, sparks, flames.

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available

## 11. Toxicological Information

### Information on Likely Routes of Exposure

**IMPORTANT SYMPTOMS:** No data available

**SKIN CONTACT EFFECTS:** May cause irritation on prolonged or repeated contact.

**EYE CONTACT EFFECTS:** May cause slight irritation with tearing.

**INHALATION EFFECTS:** Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

**INGESTION EFFECTS:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

**CHRONIC HAZARDS:** No data available

**Carcinogenicity:** No component 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, NTP or OSHA.

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<b><u>ATE ORAL</u></b>	4,922 mg/kg
<b><u>ATE DERMAL</u></b>	2,949 mg/kg
<b><u>ATE INHALATION</u></b>	Not classified for acute toxicity based on available data.

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<b><u>CAS-No.</u></b>	<b><u>Chemical Name</u></b>	<b><u>Oral LD50</u></b>	<b><u>Dermal LD50</u></b>	<b><u>Vapor LC50</u></b>
64742-49-0	Naphtha, (Petroleum), Hydrotreated Light	5,000 mg/kg	3,750 mg/kg	100 mg/l
142-82-5	n-Heptane	5,000 mg/kg	2,000 mg/kg	29.29 mg/l
108-87-2	Methylcyclohexane	>3200 mg/kg Rat	2,000 mg/kg	100 mg/l

N.I. = No Information

#### Skin Corrosion & Irritation:

<b>Product:</b>	No data available		
<b>Components:</b>			
Methylcyclohexane	108-87-2		Causes skin irritation.
n-Heptane	142-82-5		Causes skin irritation.

#### Serious Eye Damage & Irritation:

<b>Product:</b>	No data available
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#### Respiratory or Skin Sensitization:

<b>Product:</b>	No data available
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#### STOT-Single Exposure:

<b>Product:</b>	No data available		
<b>Components:</b>			
Methylcyclohexane	108-87-2		May cause drowsiness or dizziness.
Toluene	108-88-3		May cause drowsiness or dizziness.
n-Hexane	110-54-3		May cause drowsiness or dizziness.
Cyclohexane	110-82-7		May cause drowsiness or dizziness.
n-Heptane	142-82-5		May cause drowsiness or dizziness.

#### STOT-Repeated Exposure:

<b>Product:</b>	No data available
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#### Aspiration Hazard:

<b>Product:</b>	No data available		
<b>Components:</b>			
Methylcyclohexane	108-87-2		May be fatal if swallowed and enters airways.
Toluene	108-88-3		May be fatal if swallowed and enters airways.
n-Hexane	110-54-3		May be fatal if swallowed and enters airways.
Cyclohexane	110-82-7		May be fatal if swallowed and enters airways.
n-Heptane	142-82-5		May be fatal if swallowed and enters airways.
Naphtha, (Petroleum), Hydrotreated Light	64742-49-0		May be fatal if swallowed and enters airways.

**Carcinogenicity:**

**Product:** No data available

**Reproductive Toxicity:**

**Product:** No data available

**Components:**

Toluene	108-88-3	Suspected of damaging fertility or the unborn child.
n-Hexane	110-54-3	Suspected of damaging fertility or the unborn child.

**Germ Cell Mutagenicity:**

**Product:** No data available

**12. Ecological Information**

**ECOLOGICAL INFORMATION:** No data available

**PERSISTENCE:** No data available

**BIOACCUMULATE:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ECOLOGICAL:** No data available

**13. Disposal Information**

**DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.

**14. Transport Information**

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

**DOT**

<b>UN Number:</b>	UN1206
<b>Proper Shipping Name:</b>	HEPTANES
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	3
<b>Subsidiary Risk</b>	N/A
<b>Packing Group:</b>	II

**IATA**

<b>UN Number:</b>	UN1206
<b>Proper Shipping Name:</b>	HEPTANES
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	3
<b>Subsidiary Risk:</b>	N/A
<b>Packing Group:</b>	II

## IMDG

**UN Number:** UN1206  
**Proper Shipping Name:** HEPTANES  
**Technical Name:** N/A  
**Hazard Class(es)**  
**Class:** 3  
**Subsidiary Risk:** N/A  
**Packing Group:** II

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

## 15. Regulatory Information

### CHEMICAL INVENTORY STATUS:

**TSCA** On or in compliance with the inventory  
**DSL** All ingredients in this product are listed on the DSL or are exempt.

### CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:



## WARNING

Warning: This product may contain ingredients known to the state of California to cause Cancer or Reproductive Harm.

<u>Chemical Name</u>	<u>CAS-No.</u>
Toluene	108-88-3
n-Hexane	110-54-3
Ethyl Benzene	100-41-4
Benzene	71-43-2

## 16. Other Information

**Revision Date:** 10/12/2022  
**Datasheet produced by:** Regulatory Department

**Legend**

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.