

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Information: 1000040196

Product Identifier: MASS AIRFLOW SENSOR CLEANER

Recommended Use: Cleaner

Manufacturer/Importer/Distributor Information: Association of Independent Oil Distributors
203 W Main St
Montrose, CO 81402
US
800-313-2463

Emergency Telephone: 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 |
| Response | |
| 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. |
| Storage | |
| 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. |
| Disposal | |
| 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.

| | |
|------------------------------|--|
| <u>ATE ORAL</u> | 4,922 mg/kg |
| <u>ATE DERMAL</u> | 2,949 mg/kg |
| <u>ATE INHALATION</u> | 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

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|-----------------------|--|-------------------------|---------------------------|--------------------------|
| 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:

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

Serious Eye Damage & Irritation:

| | |
|-----------------|-------------------|
| Product: | No data available |
|-----------------|-------------------|

Respiratory or Skin Sensitization:

| | |
|-----------------|-------------------|
| Product: | No data available |
|-----------------|-------------------|

STOT-Single Exposure:

| | |
|--------------------|---|
| Product: | No data available |
| Components: | |
| n-Heptane | 142-82-5 May cause drowsiness or dizziness. |
| 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. |

STOT-Repeated Exposure:

| | |
|-----------------|-------------------|
| Product: | No data available |
|-----------------|-------------------|

Aspiration Hazard:

| | |
|--|--|
| Product: | No data available |
| Components: | |
| Naphtha, (Petroleum), Hydrotreated Light | 64742-49-0 May be fatal if swallowed and enters airways. |
| n-Heptane | 142-82-5 May be fatal if swallowed and enters airways. |
| 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. |

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

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

IATA

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

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|-----------------------------------|
| 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.

Chemical Name**CAS-No.**

| | |
|---------------|----------|
| Toluene | 108-88-3 |
| n-Hexane | 110-54-3 |
| Ethyl Benzene | 100-41-4 |
| Benzene | 71-43-2 |

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|------------------------------|
| 16. Other Information |
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| | |
|-------------------------------|-----------------------|
| Revision Date: | 12/16/2022 |
| 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.