

AIR FILTER CLEANER

Released: 2019-02-13

Version: 1.0
Revision Date: 2019-02-13

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

1.1 Product Identifier

Trade Name: Air Filter Cleaner
Product Number: 79920

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Air Filter Cleaner

Restrictions on Use: None known

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
Information Phone Number: +1 619 449 5000
E-mail: info@maximausa.com

1.4 Emergency Telephone Number

Emergency Spill Information: CHEMTREC +1 703 527 3887 (24 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

CLP (1272/2008) Classification:

Aerosol 1 (H222, H229)
Aspiration Toxicity Category 1 (H304)
Skin Sensitisation Category 1 (H317)
Eye Damage Category 1 (H318)
Carcinogenicity Category 2 (H351)
Aquatic Chronic Category 2 (H411)

2.2 Label Elements

Danger





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| Hazard Statements | Precautionary Phrases |
|--|---|
| <p>H222 Extremely flammable aerosol H229 Pressurised container: May burst if heated H317 May cause an allergic skin reaction. H318 Causes serious eye damage H351 Suspected of causing cancer H411 Toxic to aquatic life with long lasting effects</p> | <p>P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands and arms thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves. P302 + P352 IF ON SKIN: Wash with soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor. P308+P313 IF exposed or concerned: Get medical advice/attention. P332 + P313 If skin irritation occurs: Get medical attention. P337 + P313 If eye irritation persists: Get medical attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P405 Store locked up. P501 Dispose of contents and container in accordance with local and national regulations.</p> |

2.3 Other Hazards: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.



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| Chemical Name | CAS# | EINECS# | REACH registration# | CLP Classification | % w/w |
|--|------------|-----------|---------------------|---|--------|
| Solvent naphtha (petroleum), heavy aromatic | 64742-94-5 | 265-198-5 | - | Aspiration Toxicity 1 (H304) Aquatic Chronic 2 (H411) | 15-30 |
| Potassium dodecylbenzene sulfonate | 27177-77-1 | 248-296-2 | - | Skin Sensitisation 1 (H317) Eye Damage 1 (H318) | 5-15 |
| 2-Butoxy-ethanol | 111-76-2 | 203-905-0 | - | Skin Irritation 2 (H315) Eye Irritation 2 (H319) Acute Toxicity 4 (H302, H312, H332) | 5-<10 |
| 4-chloro- α,α,α -trifluorotoluene | 98-56-6 | 202-681-1 | - | Flammable Liquids 3 (H226) Skin Sensitisation 1B (H317) Aquatic Chronic 2 (H411) | 5-<10 |
| Naphthalene | 91-20-3 | 202-049-5 | - | Acute Toxicity 4 (H302) Carcinogenicity 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | >1- <2 |
| Sodium nitrite | 7632-00-0 | 231-555-9 | - | Oxidising Solids 3 (H272) Acute Toxicity 3 (H301) Aquatic Acute 1 (H400) | 0,1-<1 |
| Butane ^K | 106-97-8 | 203-448-7 | - | Flammable Gases 1 (H220) Gas under pressure, Liquefied Gas (H280) | 5-10 |
| Isobutane | 75-28-5 | 200-857-2 | - | Flammable Gases 1 (H220) Gas under pressure, Liquefied Gas (H280) | 1-5 |
| Propane | 74-98-6 | 200-827-9 | - | Flammable Gases 1 (H220) | 10-20 |



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| | | | | | |
|--|--|--|--|---|--|
| | | | | Gas under pressure, Liquefied Gas (H280) | |
|--|--|--|--|---|--|

Note K. The substance contains less than 0.1% w/w 1,3-butadiene (EC 203-450-8), and does not need to be classified as a carcinogen or mutagen.

The exact percentage and composition are being withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye: Important! Immediately flush eyes with large amounts of tepid water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention.

Skin: Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.

Inhalation: If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

4.2 Most Important symptoms and effects, both acute and delayed: Causes serious eye damage with redness, tearing and pain. May cause an allergic skin reaction. Inhalation of vapours or mist may cause central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration during swallowing or vomiting may cause lung damage. Suspected of causing cancer via inhalation based on animal data.

4.3 Indication of any immediate medical attention and special treatment needed: As a general rule, and in all cases of doubt or when symptoms persist, always seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing Media: Use alcohol-resistant foam, dry chemical or carbon dioxide (CO₂) to extinguish flames. Water may be ineffective but can be used to cool exposed containers and structures and disperse flammable vapours.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 50°C may cause cans to burst.

Combustion Products: Combustion will produce carbon oxides and unidentified organic compounds.



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5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water. Protect against bursting cans.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Evacuate spill area and keep unprotected personnel away. Remove all sources of ignition. Ventilate area with explosion proof equipment. Wear appropriate protective equipment. Wash thoroughly after handling. See also: "Personal Protection "section 8.

6.2 Environmental Precautions:

Avoid release into the environment. Report spill as required by local and national regulations.

6.3 Methods and Material for Containment and Cleaning Up:

Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Use non-sparking tools and equipment. If spill has not ignited, use water spray to disperse the vapours and protect personnel attempting to stop leak. Ensure collected material is handled in accordance with section 13 "Disposal Considerations".

6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing vapours and mists. Avoid contact with eyes, skin and clothing. Wear protective clothing and equipment. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep away from heat, sparks, flames and all other sources of ignition. Contents under pressure. Do not permit smoking in use or storage areas. Do not expose to temperatures above 50°C. Do not puncture or incinerate containers.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated area away from heat, direct sunlight and all sources of ignition. Store in accordance with regulations for the storage of aerosol containers. Store away from oxidisers and other incompatible materials. Protect from physical damage.

7.3 Specific end use(s): The product is to be used as a chain cleaner. Contact with the eyes and skin should be prevented due to the risk of serious eye damage and allergic dermatitis. If inhalation of high concentrations of vapours and mists cannot be prevented appropriate personal protective equipment should be used.



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters: Refer to country-specific legislation for specific requirements where not listed below.

| Chemical Name | Exposure Limits |
|---|--|
| Solvent naphtha (petroleum), heavy aromatic | 200 mg/m ³ TWA ACGIH TLV |
| 2-Butoxyethanol | 25 ppm (123 mg/m ³) TWA EH40/2005 Sk (Can be absorbed through the skin) BMGV (Biological monitoring guidance values) |
| Naphthalene | 10 ppm TWA ACGIH TLV 15 ppm TWA ACGIH STEL |

8.2 Exposure Controls:

Appropriate Engineering Controls: Use with adequate local exhaust ventilation to minimise exposure. Use explosion proof equipment where required.

Respiratory Protection: If the exposure is excessive or irritation is experienced, an approved particulate/organic vapour respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with local regulations and good industrial hygiene practice.

Skin Protection: Wear impervious gloves in accordance with EN 374 to avoid skin contact. Protective clothing if needed to avoid skin contact and contamination of personal clothing. Suitable washing should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

Eye Protection: Wear chemical goggles in accordance with EN 166 to prevent eye contact.

Other Protective Equipment: None should be needed under normal use conditions. In Europe follow EN 13034.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

| | |
|---------------------------|----------------------|
| Appearance | Liquid |
| Colour | Clear |
| Odour | Characteristic odour |
| Odour Threshold | No data available |
| pH | No data available |
| Freezing Point | No data available |
| Boiling Point | 139°C |
| Flash Point | 42.8°C |
| Evaporation Rate | No data available |
| Flammability (solid, gas) | No data available |



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| | |
|--|-------------------|
| Upper Explosion Limit | No data available |
| Lower Explosion Limit | No data available |
| Vapour Pressure | No data available |
| Vapour Density (Air=1) | No data available |
| Relative Density | No data available |
| Solubility | No data available |
| Partition Coefficient: n-octanol/water | No data available |
| Auto Ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Volatile Organic Compounds (VOC) | No data available |
| Viscosity | < 20.5 cSt @ 40°C |

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not expected to be reactive

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: Vapours may form explosive mixture with air.

10.4 Conditions to Avoid: Keep away from heat, sparks, flames and all other sources of ignition. Dropping containers may cause bursting.

10.5 Incompatible Materials: Avoid contact with strong oxidising agents.

10.6 Hazardous Decomposition Products: Thermal decomposition may produce carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye Contact: Causes serious eye damage with redness, tearing and pain. May cause damage to the cornea, iris or conjunctiva.

Skin Contact: Causes skin irritation with non-allergic dermatitis. Repeated skin contact may cause allergic dermatitis.

Inhalation: Inhalation of vapours or mist may cause central nervous system effects such as headache, dizziness, drowsiness, nausea and unconsciousness. Suspected of causing cancer via inhalation based on animal data.



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Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea. Aspiration during swallowing or vomiting may cause lung damage.

Chronic Effects of Overexposure: Long term exposure to high concentrations of naphthalene may cause blood disorder (anemia), nasal cancer and lung tumours.

Acute Toxicity Values:

Solvent naphtha (petroleum), heavy aromatic: Oral rat LD50 3000 mg/kg, Inhalation rat LC50 > 3800 mg/L/4 h, Dermal rabbit LD50 >2000 mg/kg

Potassium dodecylbenzene sulfonate: Oral rat LD50 1260 mg/kg

2-Butoxy ethanol: Oral rat LD50 470 mg/kg, Inhalation rat LC50 700 ppm/7 h (vapour), Dermal rabbit LD50 220 mg/kg

4-chloro- α,α -trifluorotoluene: Oral rat LD50 >6800 mg/kg, Inhalation rat LC50 >4479 ppm, Dermal rabbit LD50 >2700 mg/kg

Naphthalene: Oral rat LD50 490 mg/kg, Inhalation rat LC50 > 0.34 mg/L/1 h, Dermal rat LD50 >2500 mg/kg

Sodium nitrite: Oral rat LD50 180 mg/kg, Inhalation rat LC50 5.5 mg/L/4 h (dust/mist)

Skin corrosion/irritation: The product does not meet the criteria to be classified as a skin irritant.

Eye damage/irritation: Product causes serious eye damage.

Respiratory Irritation: The product does not meet the criteria to be classified as a respiratory irritant.

Respiratory Sensitization: The product does not contain any components that are respiratory sensitisers.

Skin Sensitisation: The product is classified as a skin sensitiser. May cause allergic dermatitis.

Germ Cell Mutagenicity: The product does not contain any components that are germ cell mutagens.

Carcinogenicity: Product is classified as a carcinogen. Naphthalene has been shown to cause cancer in the lungs in rats and mice in inhalation studies.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available

Aspiration Hazard: This product does meet the criteria of an aspiration hazard as the kinematic viscosity is below 20.5 cSt @ 40°C. Product is not labelled as an aspiration hazard due to packaging as an aerosol.



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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Solvent naphtha (petroleum), heavy aromatic: 96 h LL50 Oncorhynchus mykiss 2-5 mg/L, 48 h EL50 Daphnia magna 1.4 mg/L, 72 h EL50 Pseudokirchnerella subcapitata 1-3 mg/L
Potassium dodecylbenzene sulfonate: L(E)50 aquatic organisms > 100 mg/L
2-Butoxy ethanol: 96 h LC50 Oncorhynchus mykiss 1474 mg/L, 48 h EC50 Daphnia magna 1550 mg/L, 72 h EC50 Pseudokirchnerella subcapitata 911 mg/L
4-chloro- α,α,α -trifluorotoluene: 96 h LC50 rainbow trout 13.5 mg/L, 48 h Water flea 12.4 mg/L, 72 h green and blue-green algae 500 mg/L
Naphthalene: 96 h LC50 Pimephales promelas 7.9 mg/L, 48 h EC50 Daphnia magna 2.16 mg/L
M-factor, acute: 1, M-factor, chronic: 1
Sodium nitrite: L(E)50 aquatic organisms < 1 mg/L
M-factor: 1

12.2 Persistence and Degradability

Solvent naphtha (petroleum), heavy aromatic: inherently biodegradable.
Potassium dodecylbenzene sulfonate, 2-butoxy ethanol, naphthalene, and sodium nitrite: readily biodegradable.

12.3 Bioaccumulative Potential

Solvent naphtha (petroleum), heavy aromatic and 2-butoxy ethanol have a potential for bioaccumulation.
Potassium dodecylbenzene sulfonate, naphthalene, and sodium nitrite have a low potential for bioaccumulation.

12.4 Mobility in Soil

Solvent naphtha (petroleum), heavy aromatic: Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.
4-chloro- α,α,α -trifluorotoluene: Will preferentially partition to the atmosphere, due to its high volatility.

12.5 Results of PBT and vPvB Assessment: Components do not meet the criteria of PBT or vPvB.

12.6 Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with all local and national regulations.



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| | 14.1 UN Number | 14.2 UN Proper Shipping Name | 14.3 Hazard Class(s) | 14.4 Packing Group | 14.5 Environmental Hazards |
|------------|----------------|------------------------------|----------------------|--------------------|----------------------------|
| EU ADR/RID | 1950 | Aerosols, flammable | 2.1 (5F) | - | Yes |
| IMDG | 1950 | Aerosols | 2.1 | - | Yes, Marine Pollutant |
| IATA/ICAO | 1950 | Aerosols | 2.1 | - | Yes |

14.6 Special Precautions for User: Not applicable**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable – product is transported only in packaged form**SECTION 15: REGULATORY INFORMATION****15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:**

This SDS conforms to Regulation (EU) No. 1907/2006 and 2015/830.
Label in accordance with Regulation (EC) No. 1272/2008 (CLP).

SECTION 16: OTHER INFORMATION**Supersedes:** None**Date Updated:** 13 February, 2019**Revision Summary:** New document.**CLP Classification for Reference (See Sections 2 and 3):**

Aerosol 1, Aerosol Category 1
Flam. Gas. 1 Flammable Gases Category 1
Flam. Liq. 3 Flammable Liquids Category 3
Ox. Sol. 3 Oxidising Solids Category 3
Gas under pressure: Liquefied gas
Acute Toxicity 3 Acute Toxicity Category 3
Acute Toxicity 4 Acute Toxicity Category 4
Asp. Toxicity 1 Aspiration Toxicity Category 1
Skin Irrit. 2 Skin Irritation Category 2
Skin Sens. 1/1B Skin Sensitisation Category 1/1B
Eye Dam. 1 Serious Eye Damage Category 1
Eye Irrit. 2 Eye Irritation Category 2
Carc. 2 Carcinogenicity Category 2
Aquatic Acute 1 Aquatic Acute Category 1



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Aquatic Chronic 1 Aquatic Chronic Category 1

Aquatic Chronic 2 Aquatic Chronic Category 2

H220 Extremely flammable gas

H222 Extremely flammable aerosol

H226 Flammable liquid and vapour

H229 Pressurised container: may burst if heated

H272 May intensify fire; oxidiser

H280 Contains gas under pressure; may explode if heated

H301 Toxic if swallowed

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H312 Harmful in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H332 Harmful if inhaled

H351 Suspected of causing cancer

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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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.