



SAFETY DATA SHEET

Muc-Off Motorcycle Air Filter Oil
(According to OSHA HCS 29 CFR 1910.1200)

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Compilation date: 15/10/2019

Revision date: 01/01/2022

Revision No: 0

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Muc-Off Motorcycle Air Filter Oil
Product code: 20156US

1.2. Relevant identified uses of the substance or mixture and uses advised against

Treatment of air filter foam elements.

1.3. Details of the supplier of the safety data sheet

Company name:

UK - Muc-Off Ltd, Unit 23 Branksome Business Park, Bourne Valley Road, Poole, Dorset, BH12 1DW

EU- Muc-Off Ltd, Unit 3D North Point House, North Point Business Park, New Mallow Road, Cork, Ireland, T23 AT2P

Tel: +44(0)1202 307790 Email: info@muc-off.com

1.4. Emergency telephone number

Emergency tel: CHEMTREC: 1-800-424-9300 (24 hour)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

OSHA HCS 2012: Asp. Tox. Cat 1: H304, Skin Irrit. 2: H315, Aquatic Chronic 2: H411, Flamm. Liq. 2: H225, STOT SE 3: H336

Most important adverse effects: Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

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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.
H411: Toxic to aquatic life with long lasting effect

Hazard pictograms:



Signal words: Danger

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/first aid.
P331: Do NOT induce vomiting.
P403+233: Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

* Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE - REACH registered number(s): 01-2119475514-35

EINECS	CAS	PBT / WEL	GHS Classification	Percent
921-024-6	64742-49-0	-	Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: h315; STOT SE 3: H336; Asp. Tox. 1: H304	50-70%

N-HEXANE - REACH registered number(s): 01-2119480412-44

203-777-6	110-54-3	-	Flam. Liq. 2: H225; Repr. 2: H361f; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor

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Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. The casualty may appear intoxicated.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Air Filter treatment and lubricant.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

Workplace exposure limits:

OSHA PEL	CAL OSHA PEL	NIOSH REL – 10hr TWA	ACGIH 2019 TLV
500ppm	1600 mg/m3	350 mg/m3	-

N-HEXANE

500ppm	50ppm	50ppm	50ppm
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Gloves (solvent-resistant). Breakthrough time of the glove material > 4 hours.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	Red
Odour:	Hydrocarbon Solvent
Evaporation rate:	Fast
Oxidising:	Not applicable
Solubility in water:	Insoluble
Viscosity:	Non-viscous
Kinematic viscosity:	<20.5
Viscosity test method:	Kinematic viscosity in 10-6 m2/s at 40°C (ISO 3219)
Boiling point/range°C:	60-95°C
Melting point/range°C:	Not applicable.

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Flammability limits %: lower: 0.9 upper: 8.0
Flash point°C: -20°C
Part.coeff. n-octanol/water: No data available
Autoflammability°C: No data available
Vapour pressure: No data available
Relative density: 0.800 typical
pH: Not applicable

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% HEXANE

DERMAL	RAT	LD50	>2920	mg/kg
ORAL	RAT	LD50	>5840	mg/kg
VAPOURS	RAT	4h LC50	>25200	Mg/kg

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N-HEXANE

IPR	RAT	LD50	307	mg/kg
IVN	MUS	LD50	1230	mg/kg
ORAL	RAT	LD50	1746	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: Calculated
STOT – single exposure	-	Hazardous: Calculated
Aspiration hazard	-	Hazardous: Calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea.
The casualty may appear intoxicated.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

DAPHNIA MAGNA	48H EC50	3	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	11.4	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

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12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1993

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% NHEXANE)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions. Limited Quantity - 1 Litre/Kilo

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: US Toxic Substances Control Act (TSCA) – All components are listed or exempt
Canadian Domestic Substance List (DSL) – All components are listed or exempt
California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):
Ingredients within this product are not on the Proposition 65 Lists

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

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Section 16: Other information

Other information:

This safety data sheet is prepared in accordance with US OSHA Hazard Communication Standard (United Nations GHS version 3)

Phrases used in s.2 and s.3:

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.
H361f: Suspected of damaging fertility.
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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