

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



A. M. G. VENOL Engine Flush

Creation date 10th February 2026 Version 3.0

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

- 1.1. Product identifier**
Substance / mixture A. M. G. VENOL Engine Flush
mixture
UFI F550-A0DE-E008-H7C0
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Preparation intended for flushing the interior of the engine
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Distributor
Name or trade name VENOL MOTOR OIL Spółka z ograniczoną odpowiedzialnością
Address Lodowa 107, Łódź, 93-232
Poland
Phone +48 42 649 15 68
Email venol@venol.pl
Web address venol.de
Competent person responsible for the safety data sheet
Name Laboratorium VENOL MOTOR OIL
Email laboratorium@venol.de
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Asp. Tox. 1, H304

Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways.

- 2.2. Label elements**
Hazard pictogram



Signal word

Danger

Hazardous substances

Paraffins (petroleum), normal C5-20

Hazard statements

H304

May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P308+P311

IF exposed or concerned: Call a POISON CENTER/doctor.

P331

Do NOT induce vomiting.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P501

Dispose of contents/container properly labeled waste containers in accordance with national regulations.

Supplemental information

EUH066

Repeated exposure may cause skin dryness or cracking.

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2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 64771-72-8 EC: 265-233-4	Paraffins (petroleum), normal C5-20	>80	Asp. Tox. 1, H304 EUH066	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Do not perform artificial respiration without self-protection (e.g. a mask). Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Take the injured person to fresh air, keep them warm and calm. If the victim is not breathing, perform artificial respiration or administer oxygen. These procedures should be performed by qualified personnel, as mouth-to-mouth resuscitation can be dangerous for the first aider. If the victim is unconscious, place them in a safe position. Call for medical assistance.

If on skin

Remove contaminated clothing and wash it before reuse. Wash contaminated skin with plenty of soap and water. If symptoms persist or skin irritation continues, consult a doctor.

If in eyes

Rinse contaminated eyes thoroughly with water for at least 10–15 minutes with eyelids open. Avoid strong water stream – risk of corneal damage. Protect non-irritated eye, remove contact lenses. Consult a doctor if symptoms persist.

If swallowed

Call for medical assistance immediately. Rinse mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. In case of spontaneous vomiting, lean the victim forward to prevent choking.

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

If inhaled

Burning sensation in the nose and throat, coughing, headaches, drowsiness, lack of coordination, death.

If on skin

Redness, itching, rash, irritation, drying, cracking and chronic inflammation of the skin in case of repeated or long-term contact.

If in eyes

Redness, tearing, burning.

If swallowed

Nausea, vomiting, aspiration pneumonia, abdominal pain, diarrhoea, possible gastrointestinal complaints, death.

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

Decision on the method of the helping procedure shall be made by a physician after a thorough assessment of the victim's condition. Symptomatic treatment.

More information

Other relevant information is not available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foams, water mist, dry agents, CO₂.

Unsuitable extinguishing media

Water - full jet.

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5.2. Special hazards arising from the substance or mixture

In the event of a fire, harmful gases may be released, including carbon oxides, aldehydes and other unidentified thermal decomposition products. Avoid inhaling combustion products, as they may pose a health hazard.

5.3. Advice for firefighters

Do not enter the fire hazard area without suitable chemical-resistant clothing and a self-contained breathing apparatus. In case of fire, tanks containing the product may explode due to pressure build-up. Cool tanks at risk of fire from a safe distance with a spray of water. The product may cause a fire if it comes into contact with strong oxidisers. The product is sensitive to static discharge. Vapours heavier than air may accumulate in low-lying areas, posing a risk of explosion. Collect used extinguishing agents. Do not allow extinguishing water to enter drains, surface water or groundwater.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For persons not involved in the clean-up operation: restrict access of unauthorised persons to the accident area until the relevant clean-up operations have been completed. In the event of large spills, isolate the affected area. Avoid contact with skin and eyes. Avoid inhaling vapours or mists of the product. Ensure adequate ventilation. Use personal protective equipment. For those involved in the clean-up: ensure that only trained personnel are involved in the clean-up and recovery operations.

6.2. Environmental precautions

Do not dispose to drains, surface and ground water. For release of bigger amounts of the mixture take measures to prevent spreading in the environment. Notify relevant rescue services.

6.3. Methods and material for containment and cleaning up

Place damaged packaging in replacement packaging. Collect spillage using non-flammable, liquid-absorbent materials (e.g. sand, earth, diatomaceous earth, vermiculite) and place in sealable containers. Treat collected material as waste. Dispose of at a licensed waste disposal contractor. Clean and ventilate the contaminated area. Do not use sparking tools.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Work in accordance with health and safety rules. Do not eat, drink or smoke during work. Avoid contact with eyes and skin. Do not allow the product to enter the mouth. Avoid inhaling vapours/mist. Use personal protective equipment. Wash hands and face before breaks and after work. Avoid overheating. Ensure adequate ventilation. Remove sources of ignition. Do not use sparking tools. Use bridging and grounding of containers. Prevent electrostatic discharges. Keep unused containers tightly closed. Do not heat, cut, drill, grind, weld or perform these activities near uncleaned containers.

7.2. Conditions for safe storage, including any incompatibilities

Store in the original packaging or stainless steel containers in a dry, cool and well-ventilated place. Avoid direct sunlight. The maximum storage temperature is 38°C, the optimum storage temperature is 25°C. Do not store together with food, foodstuffs and animal feed. Do not store together with incompatible substances (see section 10). Containers that have been opened must be resealed and stored upright to prevent leakage.

7.3. Specific end use(s)

No information about uses other than those mentioned in subsection 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

8.2. Exposure controls

Observe general safety and hygiene rules. Do not eat, drink or smoke during work. Wash hands thoroughly before breaks and after finishing work. Avoid contact with skin and eyes. Remove contaminated clothing and wash before reuse. Provide general and/or local ventilation in the workplace to keep concentrations of harmful substances in the air below the established permissible values.

Eye/face protection

Use protective goggles if a risk of splash occurs.

Skin protection

Wear protective clothing and gloves. Recommended glove material: nitrile rubber with a performance level of 6 (breakthrough time 480 minutes). Minimum thickness: 0.4 mm.

Respiratory protection

Not required under normal conditions. In the event of vapour or aerosol formation, use absorption or absorption-filtering equipment of the appropriate protection class (class 1/protection against gases or vapours with a volume concentration in the air not exceeding 0.1%; class 2/protection against gases or vapours with a concentration in the air not exceeding 0.5%; class 3/protection against gases or vapours with a volume concentration in the air up to 1%). In cases where the oxygen concentration is $\leq 17\%$ and/or the maximum concentration of toxic substances in the air is $\geq 1.0\%$ by volume, isolating equipment must be used.

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Thermal hazard

Data not available.

Environmental exposure controls

Avoid discharges to the environment, do not dispose to drains. Possible emissions from ventilation systems and process equipment should be checked for their conformity with the environmental protection law requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	data not available
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	150 -200 °C
Flammability	data not available
Lower and upper explosion limit	
bottom	6 %
upper	7 %
Flash point	65 °C
Auto-ignition temperature	245 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	<2 mm ² /s at 40 °C
Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	0.78-0.85 g/cm ³ at 15 °C
Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid
Paraffins (petroleum), normal C5-20 (CAS: 64771-72-8)	liquid

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under normal storage and handling conditions. See also sections 10.3-10.5.

10.2. Chemical stability

The product is stable when properly used and stored.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

Do not heat. Avoid direct sunlight, sources of heat and ignition. Do not use sparking tools. Uncleaned containers must not be heated, cut, drilled, grinded, welded or performed in their vicinity.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

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Acute toxicity

not available

Paraffins (petroleum), normal C5-20

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	3000 mg/kg		Rat (Rattus norvegicus)	
Oral	NOAEL	1000 mg/kg		Rat (Rattus norvegicus)	
Oral	NOAEL	5000 mg/kg	90 days	Rat (Rattus norvegicus)	
Skin	LD ₅₀	3000 mg/kg		Rat (Rattus norvegicus)	
Skin	NOAEL	495 mg/kg	90 days	Rat (Rattus norvegicus)	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Based on the available data the mixture does not meet the criteria for classification.

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Acute toxicity

Paraffins (petroleum), normal C5-20

Parameter	Value	Exposure time	Species	Environment
LL50	>100 mg/l	96 hours	Fish (Scophthalmus maximus)	
NOEL	1000 mg/l	96 hours	Fish (Oncorhynchus mykiss)	

12.2. Persistence and degradability

not available

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

The product is insoluble in water. The mobility of the mixture's components depends on their hydrophilic and hydrophobic properties and on the abiotic and biotic conditions of the soil, including its structure, climatic conditions and soil organisms (mainly bacteria, fungi, algae and invertebrates).

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty packaging can be used to generate energy in waste incineration plants or stored in appropriately classified landfills. Perfectly cleaned containers can be submitted for recycling. The waste code should be given at the place of its production.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

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SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

Chemical safety assessment for the mixture is not required.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

EUH066 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

Guidelines for safe handling used in the safety data sheet

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container properly labeled waste containers in accordance with national regulations.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR Agreement concerning the international carriage of dangerous goods by road
Asp. Tox. Aspiration hazard
BCF Bioconcentration Factor
CAS Chemical Abstracts Service
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC Identification code for each substance listed in EINECS
EINECS European Inventory of Existing Commercial Chemical Substances
EmS Emergency Response Procedures for Ships Carrying Dangerous Goods
EU European Union
EuPCS European Product Categorisation System
IATA International Air Transport Association
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods
IMO International Maritime Organization
INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry
LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population
LL₅₀ Lethal Loading for 50 % of tested organisms
log K_{ow} Octanol-water partition coefficient
NOAEL No observed adverse effect level
NOEL No observed effect level
OEL Occupational Exposure Limits
PBT Persistent, bioaccumulative and toxic
PMT Persistent, mobile and toxic
ppm Parts per million
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals
RID Regulation concerning the International Carriage of Dangerous Goods by Rail
UN number Four-figure identification number of the substance or article taken from the UN Model Regulations

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UVCB Substances of unknown or variable composition, complex reaction products or biological materials
VOC Volatile organic compounds
vPvB Very persistent and very bioaccumulative
vPvM Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 3.0 replaces the SDS version from Wednesday, 9 March 2022. Changes were made in sections 1, 2, 10, 11, 13, 15 and 16.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.