

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

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

- 1.1. Product identifier** A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA
Substance / mixture mixture
UFI YM90-N092-A00Y-WYNC

- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use

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**

Manufacturer

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.

Skin Irrit. 2, H315
Skin Sens. 1B, H317

Most serious adverse effects on human health and the environment

Causes skin irritation. May cause an allergic skin reaction.

- 2.2. Label elements**

Hazard pictogram



Signal word

Warning

Hazardous substances

Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands and exposed parts of the body thoroughly after handling.
P280 Wear protective gloves.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container by handing over to the person authorized to dispose of waste or by returning to the supplier.

SAFETY DATA SHEET

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A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

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. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture.

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
Index: 649-468-00-3 CAS: 64742-55-8 EC: 265-158-7 Registration number: 01-2119487077-29-XXXX	Distillates (petroleum), hydrotreated light paraffinic	65-85	Asp. Tox. 1, H304	1, 2
EC: 457-320-2 Registration number: 01-0000019337-66-XXXX	Molybdenum polysulphide long chain alkyl dithiocarbamate complex	15-<21	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412	

Notes

- Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.*
- Fulfilled Note L*

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

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 inhaled

Move the victim to fresh air, keep him warm and calm. Contact a doctor if disturbing symptoms occur.

If on skin

Take off contaminated clothes and wash them before reuse. Wash contaminated skin thoroughly with plenty of water and soap or a mild detergent. In case of disturbing symptoms or persistent skin irritation, contact a physician.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if

If swallowed

Do not induce vomiting. For spontaneous vomiting lean the victim forward in order to minimize the risk of aspiration. Do not administer milk, grease, alcohol. Never put anything into mouth of an unconscious person. Consult a physician if any worrying affections occur.

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

If inhaled

For a high vapour concentration the product may cause headache and dizziness, irritation of mucus membranes of the respiratory system, during prolonged exposure, aberrations of the central nervous system, movement coordination troubles, confusion, drowsiness, incoherence.

If on skin

May cause an allergic skin reaction. The following symptoms may occur: Redness.

If in eyes

Redness, tearing, burning, irritation.

If swallowed

Irritation, nausea.

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.

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire extinguishing powders, fire extinguishing foam, CO₂, sand, dispersed water jet.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

The product is not classified as flammable. Cool containers exposed to fire from a safe distance with a spray of water. Collect used extinguishing media. Do not allow them to enter surface water, ground water and soil. Use general protection measures typical in the event of fire. Do not stay in the fire endangered area without suitable chemical-resistant clothing and a self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For persons not belonging to the personnel eliminating the consequences of the accident: limit the access of bystanders to the accident area until the completion of appropriate cleaning operations. In case of large spills, isolate the endangered area. Do not inhale vapors and aerosols. Avoid contact with skin and eyes. Keep away all sources of ignition, extinguish open fire, do not smoke. Avoid electrostatic discharge. Use personal protection measures. Provide adequate ventilation.

For persons decomposing the consequences of an accident: make sure that the removal of the failure and its effects is performed only by trained personnel. Use personal protection measures.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

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 while working. Avoid eye and skin contact. Do not inhale vapours and aerosols. Wash your hands before a break and after finish of work. Ensure proper ventilation. Remove ignition sources - do not smoke. Do not use sparking tools. Containers not in use keep closed tight. Keep contaminated/soaked clothing away from heat and ignition sources.

7.2. Conditions for safe storage, including any incompatibilities

Store only in a cool and well ventilated place. Do not store together with food, groceries and animal feed. Avoid direct sunlight, heat and ignition sources. Do not store together with incompatible substances (see section 10).

Storage temperature

min 5 °C, max 35 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Use protective goggles if a risk of splash occurs.

Skin protection

Use protective gloves and protective clothing. In case of short-term contact, use protective gloves with the effectiveness level 2 or higher (breakthrough time > 30 min). In case of long-term contact use protective gloves with the effectiveness level 6 (breakthrough time > 480 min).

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

Respiratory protection

Not required if there is a proper ventilation. If vapours and aerosols are formed use absorbing or absorbing and filtering equipment with an adequate protection class (class 1/protection against gases or vapours with a volumetric concentration in the air not exceeding 0.1%; class 2/ protection against gases or vapours with a volumetric concentration in the air not exceeding 0.5%; class 3/ protection against gases or vapours with a volumetric concentration in the air up to 1%). If oxygen concentration is . 17% and/or the maximum toxic substance concentration in the air is .1,0 % vol. isolating equipment should be applied.

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	black
Odour	characteristic of petroleum products
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>200 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	30 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	0.85 g/cm ³
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

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

Hazardous substances in concentrations exceeding exposure limits may cause acute inhalation poisoning, depending on the concentration and duration of exposure. No toxicological data is available for the mixture.

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Based on the available data, the criteria for classification of the mixture are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure

Based on the available data, the criteria for classification of the mixture are not met.

Aspiration hazard

Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

not available

SECTION 12: Ecological information

12.1. Toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

Molybdenum polysulphide long chain alkyl dithiocarbamate complex					
Parameter	Method	Value	Exposure time	Species	Environment
NOEC	OECD 203	94.8 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EL ₅₀	OECD 202	50 mg/l	48 hours	Daphnia (Daphnia magna)	
EbC ₅₀	OECD 201	9.62 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)	
IC ₅₀		>100 mg/l	3 hours	Bacteria	

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

Chronic toxicity

Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Parameter	Value	Exposure time	Species	Environment
NOEC	100 mg/l	21 days	Daphnia (Daphnia magna)	

12.2. Persistence and degradability

Data for the mixture are not available.

Biodegradability

Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301	22.75 %	29 days		Hardly biodegradable

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Parameter	Method	Value	Temperature [°C]	Value determination
BCF	OECD 305	88	25°C	Read-across approach

12.4. Mobility in soil

The product does not dissolve in water. The mobility of substances / components of the mixture depends on their hydrophilic and hydrophobic properties as well as abiotic and biotic conditions of the soil, including its structure, climatic conditions, season of the year and soil organisms. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

The mixture is not classified as posing a threat to the ozone layer. Low volatility product. Hydrocarbons being components of a product exhibit a low tendency to penetrate into the atmosphere. Water insoluble. Is gathering on water surface forming a layer that hinders the oxygen exchange. High molecular weight hydrocarbons. They can sediment in water.

Water hazard class: WGK 2 (own assessment).

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. 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 containers may be used at waste incinerators to produce energy. 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

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

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

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

A chemical safety assessment has not been carried out.

SECTION 16: Other information

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

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P264	Wash hands and exposed parts of the body thoroughly after handling.
P280	Wear protective gloves.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container by handing over to the person authorized to dispose of waste or by returning to the supplier.

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
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
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
EL ₅₀	Effective Loading for 50 % of the tested organisms
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
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization

SAFETY DATA SHEET

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



A. M. G. VENOL FRICTION REDUCTOR - REDUKTOR TARCIA

Creation date 15th May 2026 Version 1.0

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
log Kow	Octanol-water partition coefficient
NOEC	No observed effect concentration
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
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
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.

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.