

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 1/12

Mabanol Radon Gear Eco GL 5 80W-90

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

1.1. Product identifier

Trade name/designation:

Mabanol Radon Gear Eco GL 5 80W-90

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

Use of the substance/mixture:

Gear oil

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Mabanol GmbH & Co. KG

Koreastraße 7
20457 Hamburg
Germany

Telephone: 0049 (0) 40 36809988

E-mail: info@mabanol.com

Website: www.mabanol.com

E-mail (competent person): giznord@giz-nord.de

1.4. Emergency telephone number

Giftinformationszentrale Göttingen , 24h: 0049 (0) 551 1 92 40

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (Aquatic Chronic 3)	H412: Harmful to aquatic life with long lasting effects.	

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

Amines, C12-14-tert-alkyl; C16-18-(even numbered, saturated and unsaturated)-alkylamines

Hazard statements for environmental hazards	
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements Prevention	
P273	Avoid release to the environment.

Precautionary statements Disposal	
P501	Dispose of contents/container to Dispose of waste according to applicable legislation..

Additional information:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. This mixture contains no substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH.

2.3. Other hazards

No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 3/12

Mabanol Radon Gear Eco GL 5 80W-90

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.

Hazardous combustion products:

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂). Sulphur dioxide (SO₂). Nitrogen oxides (NO_x).

5.3. Advice for firefighters

Do not inhale explosion and combustion gases. Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Ventilate affected area. Special danger of slipping by leaking/spilling product.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8). Avoid: Generation/formation of mist. generation/formation of aerosols.

Fire prevent measures:

Usual measures for fire prevention. Keep away from sources of ignition - No smoking.

Fire class: B (Fires of liquids or liquid turning substances).

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin. Wash hands before breaks and after work. Apply skin care products after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Used working clothes should not be worn outside the work area. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 4/12

Mabanol Radon Gear Eco GL 5 80W-90

Hints on storage assembly:

Do not store together with: Gas. Explosives. P8 OXIDISING LIQUIDS AND SOLIDS. Radioactive substances. Infectious substances.

Storage class (TRGS 510, Germany): 10 - Combustible liquids that cannot be assigned to any of the above storage classes

Further information on storage conditions:

Temperature control required. Keep container tightly closed.

Protect against: UV-radiation/sunlight. Light. Air.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	12.5 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	2.5 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	12.1 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	1.2 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.38 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.035 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	1 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	1 mg/cm ²	① DNEL worker ② Acute - inhalation, local effects

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 5/12

Mabanol Radon Gear Eco GL 5 80W-90

Substance name	DNEL value	① DNEL type ② Exposure route
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.04 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	0.001 mg/L	① PNEC aquatic, freshwater
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	0 mg/L	① PNEC aquatic, marine water
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	0.635 mg/L	① PNEC sewage treatment plant
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	2.14 mg/kg	① PNEC sediment, freshwater
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	0.214 mg/kg	① PNEC sediment, marine water
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	0.428 mg/kg	① PNEC soil
Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1	4.71 mg/kg	① PNEC secondary poisoning
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.26 µg/L	① PNEC aquatic, freshwater
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.026 µg/L	① PNEC aquatic, marine water
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.55 mg/L	① PNEC sewage treatment plant
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	3.76 mg/kg	① PNEC sediment, freshwater
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	0.376 mg/kg	① PNEC sediment, marine water
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4	10 mg/kg	① PNEC soil

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 6/12

Mabanol Radon Gear Eco GL 5 80W-90

8.2.2. Personal protection equipment



Eye/face protection:

Safety goggles with side protection. In case of increased risk add protective face shield. DIN EN 166.

Skin protection:

Tested protective gloves must be worn (EN ISO 374).

Suitable material: NBR (Nitrile rubber). FKM (fluoro rubber). CR (polychloroprene, chloroprene rubber). Breakthrough times and swelling properties of the material must be taken into consideration. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable protective clothing: flame-resistant.

Respiratory protection:

Usually no personal respiratory protection necessary.

Respiratory protection necessary at: exceeding exposure limit values. aerosol or mist formation. Suitable respiratory protection apparatus: Filtering device (full mask or mouthpiece) with filter: A2, A2/P2, ABEK. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

8.2.3. Environmental exposure controls

No information available.

8.3. Additional information

air limit values:

Possibility of exposure to Aerosols (Mineral oil)

Limit value (TLV-TWA) = 5 mg/m³ (Source: ACGIH)

Limit value (TLV-STEL) = 10 mg/m³ (Source: ACGIH)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: clear

Odour: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	<i>not determined</i>		
Melting point	<i>not determined</i>		
Freezing point	<i>not determined</i>		
Initial boiling point and boiling range	<i>not determined</i>		
Decomposition temperature	<i>not determined</i>		
Flash point	230 °C		① EN ISO 2592
Evaporation rate	<i>not determined</i>		
Auto-ignition temperature	<i>not determined</i>		
Upper/lower flammability or explosive limits	<i>not determined</i>		
Vapour pressure	<i>not determined</i>		
Vapour density	<i>not determined</i>		
Density	0.892 g/cm ³	15 °C	① DIN 51757
Relative density	<i>not determined</i>		

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 7/12

Mabanol Radon Gear Eco GL 5 80W-90

Parameter	Value	at °C	① Method ② Remark
Bulk density	<i>not determined</i>		
Water solubility	<i>not determined</i>		
Partition coefficient: n-octanol/water	<i>not determined</i>		
Dynamic viscosity	<i>not determined</i>		
Kinematic viscosity	140 mm ² /s	40 °C	① EN ISO 3104
Pour point	-30 °C		① ASTM D 5985

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Oxidising agent, strong.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1
LD₅₀ oral: 552 mg/kg (Rat) OECD 401
LD₅₀ dermal: 251 mg/kg (Rat) OECD 402
LC₅₀ Acute inhalation toxicity (vapour): 1.19 mg/L 4 h (Rat) OECD 403
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4
LD₅₀ oral: >1,200 mg/kg (Rat) OECD 401
LD₅₀ dermal: >2,000 mg/kg (Rat) OECD 402

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 8/12

Mabanol Radon Gear Eco GL 5 80W-90

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

Additional information:

Frequently or prolonged contact with skin may cause dermal irritation.

11.2. Information on other hazards

Endocrine disrupting properties:

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1
LC ₅₀ : 1.3 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout)) OECD 203
EC ₅₀ : 4.1 mg/L 2 d (crustaceans, Daphnia magna (Big water flea)) OECD 202
ErC ₅₀ : 0.44 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4
LC ₅₀ : 0.06 mg/L 4 d (fish, Pimephales promelas (fathead minnow))
EC ₅₀ : 0.98 mg/L 2 d (crustaceans, Daphnia magna (Big water flea)) OECD 202
NOEC: 0.013 mg/L 21 d (crustaceans, Daphnia magna (Big water flea)) OECD 211
ErC ₅₀ : 0.38 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus) OECD 201

12.2. Persistence and degradability

Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1
Biodegradation: —
Remark: Not readily biodegradable (according to OECD criteria)
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4
Biodegradation: —
Remark: Readily biodegradable (according to OECD criteria).

Additional information:

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

12.3. Bioaccumulative potential

Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1
Log K _{OW} : 2.9
C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4
Log K _{OW} : 5.16
Bioconcentration factor (BCF): 173

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4. Mobility in soil

No information available.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 9/12

Mabanol Radon Gear Eco GL 5 80W-90

12.5. Results of PBT and vPvB assessment

Amines, C12-14-tert-alkyl CAS No.: 68955-53-3 EC No.: 273-279-1

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

C16-18-(even numbered, saturated and unsaturated)-alkylamines CAS No.: 1213789-63-9 EC No.: 627-034-4

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code packaging

15 01 10 *	packaging containing residues of or contaminated by dangerous substances
------------	--

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

not relevant.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 10/12

Mabanol Radon Gear Eco GL 5 80W-90

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Restrictions on use:

Use restriction according to REACH annex XVII, no.: 3. 75.

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]: No information available.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds: No information available.

Observe in addition any national regulations!

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

To follow: § 22 JArbSchG.

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Technische Anleitung zur Reinhaltung der Luft (TA-Luft)

Klasse 1:

5.2.5: organic substances, to be indicated as total carbon at $m \geq 0.50$ kg/h: conc. 50 mg/m³.

Anteil 1:

97 %

Water hazard class

WGK:

1 - slightly hazardous to water

Remark:

Self-classification (mixture; calculation rule).

15.2. Chemical Safety Assessment

not applicable.

15.3. Additional information

Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals: not relevant.

Water hazard class (WGK): 1 (slightly hazardous to water).

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: Accord européen sur le transport des marchandises dangereuses par Route (International Carriage of Dangerous Goods by Road)

AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 11/12

Mabanol Radon Gear Eco GL 5 80W-90

GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC₅₀: Lethal concentration, 50 percent
LD₅₀: Lethal dose, 50 percent
NIOSH: National Institute of Occupational Safety and Health
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect level
NTP: National Toxicology Program
N/A: not applicable
OEL: Occupational Exposure limit (Arbeitsplatzgrenzwert)
OSHA: Occupational Safety and Health Administration
PEL: permissible exposure limit (Zulässiger Expositionsgrenzwert)
PBT: persistent bioaccumulative toxic
PNEC: predicted no effect concentration
REL: Recommended exposure limit (Empfohlene Expositionsgrenze)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit (Kurzzeitgrenzwert) (15 min)
SVHC: substance of very high concern
TLV: Threshold Limit Values (Schwellwert Grenzwerte)
TRGS Technische Regeln für Gefahrstoffe
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average (Zeitlich gewichteter Mittelwert) (8 h)
VOC: Volatile Organic Compounds
vPvB: very persistent and very bioaccumulative
VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe
WGK: Wassergefährdungsklasse

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (Aquatic Chronic 3)	H412: Harmful to aquatic life with long lasting effects.	

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 13 Jun 2023

Print date: 13 Jun 2023

Version: 5



Page 12/12

Mabanol Radon Gear Eco GL 5 80W-90

health hazards: Calculation method.
Environmental hazards: Calculation method.
Physical hazards: On basis of test data.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.