

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



Trade name : TURMOSYNTH VG 15
Revision date : 04.07.2014
Date of print : 17.06.2015

Version (Revision) : 1.0.1 (1.0.0)

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

1.1 Product identifier

TURMOSYNTH VG 15

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

Product categories [PC]

PC24 - Lubricants, greases, release products

1.3 Details of the supplier of the safety data sheet

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

Lubricant Consult GmbH

Street : Gutenbergstraße 13

Postal code/city : 63477 MAINTAL

Telephone : 06109/7650-0

Telefax : 06109/7650-51

1.4 Emergency Telephone Number

06109/7650-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

None

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

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

2.2 Label elements

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

Hazard pictograms



Health hazard (GHS08)

Signal word

Danger

Hazard components for labelling

WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5

Hazard Statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do not induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container to

Supplemental Hazard information (EU)

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EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None

SECTION 3: Composition/ information on ingredients

3.2 Mixtures

Hazardous ingredients

WHITE MINERAL OIL (PETROLEUM) ; EC No : 232-455-8; CAS No. : 8042-47-5

Weight fraction : 50 - 100 %

Classification 67/548/EEC : None

Classification 1271/2008 [CLP] : Asp. Tox. 1 ; H304

Further ingredients

Additives, not to declare

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Remove contaminated, saturated clothing immediately. Wash immediately with: Water and soap. In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. In case of eye irritation consult an ophthalmologist.

After ingestion

Aspiration hazard If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting. Observe risk of aspiration if vomiting occurs. Water, to which activated charcoal may be added

4.2 Most important symptoms and effects, both acute and delayed

Pulmonary oedema. Pneumonia.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Dry extinguishing powder. Carbon dioxide (CO₂). ABC-powder BC-powder Foam. Dry sand

Unsuitable extinguishing media

Water. Strong water jet. High power water jet.

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5.2 Special hazards arising from the substance or mixture

Gases/vapours, harmful. Carbon monoxide. Carbon dioxide (CO₂).

5.3 Advice for firefighters

Use suitable breathing apparatus.

SECTION 6: Accidental release measures

Special danger of slipping by leaking/spilling product.

6.1 Personal precautions, protective equipment and emergency procedures

None

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Ensure waste is collected and contained. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Soak up inert absorbent and dispose as waste requiring special attention. Suitable material for taking up: Universal binder Kieselguhr.

6.4 Reference to other sections

None

6.5 Additional information

Keep away from sources of ignition. - No smoking.

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Protective measures

It is recommended to design all work processes always so that the following is excluded: Generation/formation of mist
Avoid: Inhalation of vapours or spray/mists Skin contact Eye contact.

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class : 10

Storage class (TRGS 510) : 10

Keep away from

No information available.

Further information on storage conditions

Keep/Store only in original container. Keep container tightly closed. Protect against UV-radiation/sunlight. Humidity.
Contact with air/oxygen.

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

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Personal protection equipment

Eye / face protection

Eye protection: not applicable. Avoid: Eye contact.

Recommended eye protection articles

DIN EN 166

Skin protection

Hand protection

Has degreasing effect on the skin. Wear suitable gloves. Rub greasy ointment into the skin.

Suitable material : PE (polyethylene) NR (natural rubber, natural latex) CR (polychloroprene, chloroprene rubber). NBR (Nitrile rubber). Butyl caoutchouc (butyl rubber).

Recommended glove articles : DIN EN 374 DIN EN 420

Respiratory protection

No special measures are necessary. Avoid: Inhalation of vapours or spray/mists If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour : transparent

Safety relevant basis data

Physical state :			liquid
Boiling temperature / range :	(1013 hPa)	>	250 °C
Decomposition temperature :	(1013 hPa)	>	200 °C
Flash point :	(1013 hPa)	>	165 °C
Vapour pressure :	(50 °C)	<	0,1 hPa
Density :	(20 °C)	=	0,85 g/cm ³
Viscosity :	(40 °C)	ca.	15 mm ² /s
Viscosity :	(100 °C)	ca.	4 mm ² /s

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

10.5 Incompatible materials

Oxidising agent, strong.

10.6 Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). carbon black. Gases/vapours, harmful. Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

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11.1 Information on toxicological effects

By analogy.

Acute effects

Acute oral toxicity

Parameter : LD50
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg

Acute dermal toxicity

Parameter : LD50
Exposure route : Dermal
Species : Rabbit
Effective dose : > 5000 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

Not readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

None

12.8 Overall evaluation

If product enters soil, it will be mobile and may contaminate groundwater. In accordance with the required stability the product is poorly biodegradable.

SECTION 13: Disposal considerations

Dispose according to 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 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Collect the waste separately. Evidence for disposal must be provided.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

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14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Emission control act (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

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

H304 May be fatal if swallowed and enters airways.

16.5 Training advice

None

16.6 Additional information

None

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.