

according to Regulation (EG) No. 1907/2006

1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade Name:

VAICO SAE 5W-30 MB

VAICO No.:

V60-0301, V60-0301_S, V60-0302_S, V60-0303, V60-0304, V60-0305, V60-0306, V60-0307, V60-0308

1.2. Informing department

VIEROL AG | Karlstraße 19 | 26123 Oldenburg | Germany

Telefon +49 441 - 210 20-0 | Telefax +49 441 - 210 20-111

1.3. Emergency telephone number

Gift-Informationszentrum Nord (Göttingen)

Phone +49 (0)551/ 19240

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification according to 67/548/EEC or 1999/45/EC

Xi; R41

N; R51/53

R53

2.1.2. R-phrases

41 Risk of serious damage to eyes.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

2.1.3. Additional hints

The preparation is not classified as hazardous according to Directive 1999/45/EC.

The substance is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.1.4. Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

2.1.5. Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

2.2.1. Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

2.2.2. Hazard statements for environmental hazards

H411 Toxic to aquatic life with long lasting effects.

2.2.3. Special rules for supplemental label elements for certain mixtures

Enthält Langkettiges Calcium-Alkarylsulfonat . Kann allergische Reaktionen hervorrufen.

Safety data sheet available on request.

- 2.3. **Other hazards**
No information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1. **Substances**
not applicable

- 3.2. **Mixtures**
Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
72623-87-1	276-738-4	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified	10 - 25	Carc.Cat.2 R45
68649-42-3	272-028-3	Phosphorodithionsäure,0-0-Di-C1-14-alkylester, Zinksalze; Zinkalkyldithiophosphat	0,1 - 1,0	Xi R36/38; N R51/53
	POLYMER	Polyolefin, polyamine succinimide	2,5 - 10	

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
72623-87-1	276-738-4	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified	10 - 25	Carc. 1B, H350
68649-42-3	272-028-3	Phosphorodithionsäure,0-0-Di-C1-14-alkylester, Zinksalze; Zinkalkyldithiophosphat	0,1 - 1,0	
	POLYMER	Polyolefin, polyamine succinimide	2,5 - 10	

- 3.3. **Additional advice**
Der Wortlaut der angeführten Gefahrenhinweise ist dem Abschnitt 16 zu entnehmen.

4. FIRST AID MEASURES

4.1. Description of first aid measures

- 4.1.1. In case of inhalation
Ensure of fresh air.
In the event of symptoms refer for medical treatment.
- 4.1.2. In case of eye contact
In case of contact with eyes rinse thoroughly with water.
- 4.1.3. In case of ingestion
Do not induce vomiting.
Medical treatment.

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

No information available.

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

No information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media
Foam
Dry powder
Carbon dioxide

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters
Use breathing apparatus with independent air supply (isolated).
Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- 6.1.1. For non-emergency personnel
Use personal protective clothing.

6.2. Environmental precautions

- 6.2.1. mit viel Wasser verdünnen
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

- 6.3.1. Additional Information
Informations for safe handling see chapter 7.
Informations for personal protective equipment see chapter 8.
Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- 7.1.1. Advice on safe handling
Avoid formation of oil dust.
- 7.1.2. Advice on protection against fire and explosion
No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

- 7.2.1. Requirements for storage rooms and vessels
Keep only in original container.
- 7.2.2. Advice on storage compatibility
no
- 7.2.3. Further information on storage conditions
Keep container dry and store at cool and aired place.

7.3. Specific end use(s)

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Additional advice
Als Grundlage dienen die bei der Erstellung gültigen Listen.
Keine weiteren Angaben, siehe Punkt 7.

8.2. Exposure controls

- 8.2.1. Hand protection
Gloves (oil-resistant)
Nitrilkautschuk
chemical-resistant gloves
PVC gloves
Neoprene gloves
- 8.2.2. Eye protection
safety goggles
- 8.2.3. Other protection measures
Arbeitsschutzkleidung
Vor den Pausen und bei Arbeitsende Hände waschen.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	brown
Odour	characteristic
Odour threshold	

	Value	Method	Remark
pH value	not determined		
Boiling temperature/boiling range	not determined		
pourpoint	-45 °C	ASTM D 97	
Flash point	> 110 °C		
Vapourisation rate	not determined		
Flammable (solid)	not determined		
Flammability (gas)	not determined		
Ignition temperature	not determined		
Self ignition temperature			Das Produkt ist nicht selbstentzündlich.
Lower explosion limit	not determined		
Upper explosion limit	not determined		
Vapour pressure	not determined		
Relative density	0,853 g/cm ³		
Vapour density	not determined		
Solubility in water			miscible
Solubility/other	not determined		
Partition coefficient noctanol/water (log PO/W)	not determined		
Decomposition temperature	not determined		
Viscosity (40 °C)	72,8 mm ² /s	ASTM D 445	

9.2. Oxidising properties

No information available.

9.3. Explosive properties

No information available.

9.4. Other information

No information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Chemical stability

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

Oxidising agent, strong

10.4. Conditions to avoid

no

10.5. Incompatible materials

Substances to avoid No data available

10.6. Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<i>Irritability skin</i>				<i>no</i>
<i>Irritability eye</i>				<i>no</i>
<i>Skin sensitization</i>				<i>no</i>
<i>Sensitization respiratory system</i>				<i>no</i>

12. ECOLOGICAL INFORMATION

- 12.1. Toxicity**
No information available.
- 12.2. Persistence and degradability**
No information available.
- 12.3. Bioaccumulative potential**
Keine weiteren relevanten Informationen verfügbar.
- 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.

13. DISPOSAL CONSIDERATIONS

13.1. 13.1. Waste treatment methods

Waste code No.	Name of waste
<i>13 02 05*</i>	<i>mineral-based non-chlorinated engine, gear and lubricating oils</i>

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

14. TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user No information available.			

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

14.7.1. Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

14.7.2. Marine transport IMDG

No dangerous goods as defined by these transport regulations.

14.7.3. Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

15. REGULATORY INFORMATION

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

National regulations

Water hazard class 1

15.2. Chemical Safety Assessment

No information available.

16. OTHER INFORMATION

16.1. Further information

Indication of changes: „!“ = Data changed compared with the previous version. Previous version: 1.4

16.2. Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 45 May cause cancer.

R 53 May cause long-term adverse effects in the aquatic environment.

H350 May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).