

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 1 of 11

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

MEYLE 10W-40 Prime HC-Synt

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

Motor oil

1.3. Details of the supplier of the safety data sheet

Company name: Meyle AG
Street: Merkurring 111
Place: D-22143 Hamburg
Telephone: +49 40 67 506 510
e-mail: contact@meyle.com
Internet: www.meyle.com

Telefax: +49 40 67 506 506

1.4. Emergency telephone number: Giftnotruf Göttingen
+49 551 19 24 0 (24h)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008****Hazard categories:**

Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory or skin sensitisation: Skin Sens. 1
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
Causes serious eye irritation.
May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Calcium karyl sulfonate, long-chain
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts

Signal word: Warning**Pictograms:****Hazard statements**

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 2 of 11

P362+P364

Take off contaminated clothing and wash it before reuse.

P501

Dispose of contents/container to of the disposal according to local regulations.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity			
	EC No	Index No	REACH No				
Classification according to Regulation (EC) No. 1272/2008 [CLP]							
147880-09-9	Polyolefin-polyaminsuccinimid, Polyol			1 - < 5 %			
Aquatic Chronic 4; H413							
68784-31-6	Dithiophosphorsäure, gemischt O,O-bis (sec-Bu und 1,3-dimethylbutyl)ester, Zinksalze			1-<2 %			
	272-238-5		01-2119657973-23				
68784-26-9	Eye Dam. 1, Aquatic Chronic 2; H318 H411						
	272-234-3						
36878-20-3	Phenol, dodecyl-, sulphurated, carbonate, calcium salts, overbased			1-<2 %			
	253-249-4		01-2194889112-28				
722503-68-6	Aquatic Chronic 4; H413						
	310-154-3						
121158-58-5	Calcium karyl sulfonate, long-chain			1-<2 %			
	310-154-3						
Skin Sens. 1, Aquatic Chronic 4; H317 H413							
Repr. 1A, Skin Corr. 1C, Eye Dam. 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H360 H314 H318 H400 H410							
68584-23-6	Phenole, dodecyl-, branched			< 1 %			
	271-529-4						
Skin Sens. 1B; H317							

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Self-protection of the first aider

Change contaminated clothing.

Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice. In case of inhalation of aerosols/spray mist/splash spots: Consult physician.

Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: If breathing is difficult, remove victim to fresh

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 3 of 11

air and keep at rest in a position comfortable for breathing.

After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

If skin irritation or rash occurs: Get medical advice/attention.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

No data available

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

Treat symptomatically. Caution if victim vomits: Risk of aspiration!

Aspiration hazard: Call a physician immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Carbon dioxide (CO₂). Dry extinguishing powder. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Carbon dioxide (CO₂). Carbon monoxide Sulphur oxides. Phosphorus oxides. Hydrogen sulphide (H₂S).

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. carbon black

In case of fire and/or explosion do not breathe fumes.

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water. Dispose of waste according to applicable legislation.

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Wear suitable protective clothing.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 4 of 11

recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13 In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Protect skin by using skin protective cream. Wash hands before breaks and after work.

Conditions to avoid: aerosol or mist generation.

Advice on protection against fire and explosion

No special measures are necessary.

When using do not smoke.

Fire class: B (DIN-/EN-Norms: EN2)

Further information on handling

No data available

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Keep away from heat. Keep/Store only in original container.

Advice on storage compatibility

Do not store together with:Food and fodder, Oxidizing agents.

Further information on storage conditions

If product enters soil, it will be mobile and may contaminate groundwater. Keep away from heat.

7.3. Specific end use(s)

Motor oil

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
	DNEL type			
36878-20-3	Bis(nonylphenyl)amine			
	Worker DNEL, long-term	dermal	systemic	0,62 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	4,37 mg/m ³
	Consumer DNEL, long-term	oral	systemic	0,31 mg/kg bw/day
	Consumer DNEL, long-term	dermal	systemic	0,31 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	1,09 mg/m ³

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 5 of 11

PNEC values

CAS No	Substance	
Environmental compartment		Value
36878-20-3	Bis(nonylphenyl)amine	
Freshwater		0,1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		132000 mg/kg
Marine sediment		13200 mg/kg
Soil		263000 mg/kg
Micro-organisms in sewage treatment plants (STP)		1 mg/l

Additional advice on limit values

No data available

8.2. Exposure controls**Appropriate engineering controls**

No data available

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.
Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. When using do not eat, drink or smoke.

Protect skin by using skin protective cream.
Keep away from food, drink and animal feedingstuffs.
Do not breathe vapour.

Eye/face protection

Suitable eye protection: goggles. In fine dispersion/spraying/misting: Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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. Wear suitable gloves.

Skin protection

Wear suitable protective clothing. In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Environmental exposure controls

No data available

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 6 of 11

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid	
Colour:	yellow-brown	
Odour:	characteristic	
		Test method
pH-Value:		not applicable DIN 51369
Changes in the physical state		
Melting point:	not determined	
Initial boiling point and boiling range:	not determined	
Pourpoint:	~27 °C DIN ISO 3016	
Flash point:	>200 °C DIN ISO 2592	
Flammability		
Solid:	not applicable	
Gas:	not applicable	
Lower explosion limits:	not determined	Literatur
Upper explosion limits:	not determined	Literatur
Ignition temperature:	No data available	
Auto-ignition temperature		
Solid:	not applicable	
Gas:	not applicable	
Decomposition temperature:	not determined	
Oxidizing properties		
Not oxidizing.		
Vapour pressure: (at 20 °C)	<0,1 hPa	calculated.
Density (at 15 °C):	0,865 g/cm³	DIN 51757
Water solubility: (at 20 °C)	practically insoluble	
Solubility in other solvents		
Soluble in hydrocarbons (mineral oil.)		
Partition coefficient:	not determined	
Viscosity / kinematic: (at 100 °C)	13,5-15,5 mm²/s	DIN 51562
Vapour density:	not determined	
Evaporation rate:	not determined	
Solvent separation test:	No data available	
Solvent content:	none Solvents	

9.2. Other information

Solid content:	not determined
none	

SECTION 10: Stability and reactivity

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 7 of 11

10.1. Reactivity

No data available

10.2. Chemical stability

No thermal decomposition if properly stored / handled /transported.

Onset of decomposition at elevated temperatures (>65°C): (e.g. H2S)

10.3. Possibility of hazardous reactions

possible with strong oxidizing agents.

This product is stable under normal conditions. Hazardous reactions are unlikely.

10.4. Conditions to avoid

Oxidizing agents, strong..Etchant and acids

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

none

Further information

No thermal decomposition if properly stored / handled /transported.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available.

Acute toxicity

No data available.

Irritant effect on the respiratory tract: Do not breathe gas/vapour.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
36878-20-3	Bis(nonylphenyl)amine				
	oral	LD50 mg/kg	>5000 Rat	OECD 401	
	dermal	LD50 mg/kg	>2000 Rabbit	OECD 402	
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts				
	oral	LD50 mg/kg	5000 Rat		

Irritation and corrosivity

Irritant effect on the skin: none

Frequent and prolonged eye contact may cause eye irritation.

Sensitising effects

Due to the very low concentration of sensitizing substances, the finished product can be assumed not to be skin-sensitizing.

Carcinogenic/mutagenic/toxic effects for reproduction

The product is not classified.

STOT-repeated exposure

Frequently or prolonged contact with skin may cause dermal irritation.

Specific effects in experiment on an animal

No data available.

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 8 of 11

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

none

Practical experience**Observations relevant to classification**

not applicable

Other observations

Has de-greasing effect on the skin.

Further information

No special hazards known when the product is properly used and the precautionary measures indicated are observed.

SECTION 12: Ecological information**12.1. Toxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. No data available.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
36878-20-3	Bis(nonylphenyl)amine					
	Acute fish toxicity	LC50 mg/l	>100	96 h Brachydanio rerio (zebra-fish)	OECD 203	
	Acute algae toxicity	ErC50	600 mg/l	72 h Pseudokirchneriella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h Daphnia magna	OECD 202	
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts					
	Acute fish toxicity	LC50	1,2 mg/l	96 h Cyprinodon variegatus		
	Acute algae toxicity	ErC50 mg/l	>100	72 h Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 mg/l	1000	48 h Daphnia magna		
	Acute bacteria toxicity	(>3200- <=5000 mg/l)	3 h			

12.2. Persistence and degradability

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants. Poorly eliminated from water.

Not easily bio-degradable (according to OECD-criteria). Product is partially biodegradable. Significant residues remain.

Post-use oils must not be discharged into the sewer system or into surface waters nor must they be allowed to enter the soil.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
36878-20-3	Bis(nonylphenyl)amine				
	Aerobic biological treatment	1%	28		
	Not easily bio-degradable (according to OECD-criteria).				

12.3. Bioaccumulative potential

No data available.

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 9 of 11

Do not allow uncontrolled discharge of product into the environment.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
36878-20-3	Bis(nonylphenyl)amine	>7,6

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Aquatic organisms: No data available.

Effects in sewage plants No data available.

No data available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation. The waste codes stated are recommendations based on the expected use of the substance and may be re-assigned to other waste codes by the user, if applicable.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Waste disposal number of waste from residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

Waste disposal number of used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of this material and its container to hazardous or special waste collection point.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

according to Regulation (EC) No 1907/2006

Revision date: 04.04.2018

MEYLE 10W-40 Prime HC-Synt

Product code: 014_021_0050-1-6-3-4

Page 10 of 11

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.
Marine transport (IMDG)	
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.
Air transport (ICAO-TI/IATA-DGR)	
<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.
<u>14.5. Environmental hazards</u>	
ENVIRONMENTALLY HAZARDOUS:	no
<u>14.6. Special precautions for user</u>	No dangerous good in sense of this transport regulation.
<u>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</u>	No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 30: Phenole, dodecyl-, branched

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water contaminating class (D):	2 - clearly water contaminating
Skin resorption/Sensitization:	Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%

according to Regulation (EC) No 1907/2006

MEYLE 10W-40 Prime HC-Synt

Revision date: 04.04.2018

Product code: 014_021_0050-1-6-3-4

Page 11 of 11

LD50: Lethal dose, 50%

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

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H360	May damage fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above data are intended to describe our product in terms of any safety requirements to be observed. They reflect the state of our current knowledge and experience and shall not be construed as warranted characteristics. Any warranty for accuracy and completeness shall be expressly excluded.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)