

SWAG Autoteile GmbH 42117 Wuppertal

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Version 04. Supersedes version: 03

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

1.1 Product identifier

SWAG 30 10 1140 Engine Oil 0W-40

Article number: 30 10 1140, 30 10 1141, 30 10 1142, 30 10 1143, 30 10

1144

UFI: DA31-T949-N00J-RK70

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

1.2.1 Relevant uses

Engine oil

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company SWAG Autoteile GmbH

Am Kiesberg 4-6

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Address enquiries to

Technical information info@swag.de Safety Data Sheet info@swag.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Skin Sens. 1: H317 May cause an allergic skin reaction.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms

(!)

Signal word WARNING

Contains: C14-16-18 Alkyl phenol

Hazard statements 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. P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P501 Dispose of contents/container in accordance with local/national regulation.

2.3 Other hazards

Human health dangers Frequent persistent contact with the skin can cause skin irritation.

Environmental hazardsDoes not contain any PBT or vPvB substances.

Other hazards none



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SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Substance
Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract)
CAS: 64742-54-7, EINECS/ELINCS: 265-157-1, EU-INDEX: 649-467-00-8, Reg-No.: 01-2119484627-25-XXXX
GHS/CLP: Asp. Tox. 1: H304
branched hexatriacontane
CAS: 151006-62-1, EINECS/ELINCS: 417-070-7, EU-INDEX: 601-064-00-8, Reg-No.: 01-0000016388-62-XXXX
GHS/CLP: Aquatic Chronic 4: H413
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)
CAS: 93819-94-4, EINECS/ELINCS: 298-577-9, Reg-No.: 01-2119543726-33-XXXX
GHS/CLP: Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Aquatic Chronic 2: H411
Bis(nonylphenyl)amine
CAS: 36878-20-3, EINECS/ELINCS: 253-249-4, Reg-No.: 01-2119488911-28-XXXX
GHS/CLP: Aquatic Chronic 4: H413
C14-16-18 Alkyl phenol
CAS: 1190625-94-5, EINECS/ELINCS: 931-468-2, Reg-No.: 01-2119498288-19-XXXX
GHS/CLP: Skin Sens. 1B: H317 - STOT RE 2: H373

Comment on component parts

This product contains one or more components that are not included in the Inventory of

Existing Chemical Substances Produced or Imported in China (IECSC).

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Change soaked clothing.

Inhalation Ensure supply of fresh air.

In the event of symptoms seek medical treatment.

Skin contact In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Ingestion Consult a doctor immediately.

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

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

Treat symptomatically.

Forward this sheet to your doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media foam, dry powder, water spray jet, carbon dioxide

Extinguishing media that must not

be used

Full water jet

SWAG[®]

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5.2 Special hazards arising from the substance or mixture

Not combusted hydrocarbons.

Risk of formation of toxic pyrolysis products.

Carbon monoxide (CO)

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within

the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.

Forms slippery surfaces with water.

6.2 Environmental precautions

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

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. general-purpose binder). Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid formation of aerosols.

Do not smoke.

Fire class (DIN EN 2): B

Do not eat, drink or smoke when using this product.

Use barrier skin cream.

Wash hands before breaks and after work.

Cloths contaminated with product should not be kept in trouser pockets. Contaminated work clothing should not be allowed out of the workplace.

Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Prevent penetration into the ground.

Do not store together with oxidizing agents.

Keep container tightly closed.

Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2



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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance

Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract)

CAS: 64742-54-7, EINECS/ELINCS: 265-157-1, EU-INDEX: 649-467-00-8, Reg-No.: 01-2119484627-25-XXXX

Long-term exposure: 5 mg/m³, oil mist

Short-term exposure (15-minute): 10 mg/m³

DNEL

Substance

Bis(nonylphenyl)amine, CAS: 36878-20-3

Industrial, dermal, Long-term - systemic effects: 5 mg/kg bw/day

general population, oral, Long-term - systemic effects: 0,25 mg/kg bw/day.

general population, dermal, Long-term - systemic effects: 2,5 mg/kg bw/day.

Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7

Industrial, dermal, Long-term - systemic effects: 1 mg/kg bw/day.

Industrial, inhalative, Long-term - local effects: 5,6 mg/m³.

Industrial, inhalative, Long-term - systemic effects: 2,7 mg/m3.

general population, oral, Long-term - systemic effects: 0,74 mg/kg bw/day.

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4

Industrial, dermal, Long-term - systemic effects: 0,58 mg/kg bw/day.

Industrial, inhalative, Long-term - systemic effects: 8,31 mg/m³

general population, oral, Long-term - systemic effects: 0,24 mg/kg bw/day.

general population, dermal, Long-term - systemic effects: 0,29 mg/kg bw/day.

general population, inhalative, Long-term - systemic effects: 2,11 mg/m³.

C14-16-18 Alkyl phenol

Industrial, dermal, Long-term - systemic effects: 0,3 mg/kg bw/day.

Industrial, inhalative, Long-term - systemic effects: 1,17 mg/m³.

PNEC

Substance

Bis(nonylphenyl)amine, CAS: 36878-20-3

seawater, 0,01 mg/l

sewage treatment plants (STP), 1 mg/l.

sediment (freshwater), 132000 mg/kg.

freshwater, 0,1 mg/l.

sediment (seawater), 13200 mg/kg.

soil, 263000 mg/kg

Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7

oral (food), 9,33 mg/kg.

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4

soil, 0,005 mg/kg.

sediment (seawater), 0,001 mg/kg dw.

sediment (freshwater), 0,012 mg/kg dw.

sewage treatment plants (STP), 100 mg/l.

seawater, 0,004 mg/l.

freshwater, 0,004 mg/l.



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oral (food), 10,67 mg/kg.
C14-16-18 Alkyl phenol
sediment (seawater), 426,62 mg/kg.
sediment (freshwater), 0,1 mg/l.
sediment (seawater), 0,01 mg/l.
sediment (freshwater), 4266,16 mg/kg.
soil, 852,58 mg/kg.
oral (food), 3,3 mg/kg.
sewage treatment plants (STP), 100 mg/l.

8.2 Exposure controls

Additional advice on system design

Ensure adequate ventilation on workstation.

Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of

hazardous substances.

Eye protection If there is a risk of splashing:

safety glasses

Hand protection The details concerned are recommendations. Please contact the glove supplier for further

information

> 0,4 mm; Nitrile rubber, >480 min (EN 374-1/-2/-3).

Skin protection light protective clothing

Other Personal protective equipment should be selected specifically for the working place,

depending on concentration and quantity handled. The resistance of this equipment to

chemicals should be ascertained with the respective supplier.

Avoid contact with eyes and skin.

Respiratory protection Breathing apparatus in the event of aerosol or mist formation.

Short term: filter apparatus, combination filter A-P1. (DIN EN 14387)

Thermal hazards none

Delimitation and monitoring of the

environmental exposition

Comply with applicable environmental regulations limiting discharge to air, water and soil.

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state liquid Color light brown Odor characteristic **Odour threshold** not applicable pH-value not applicable pH-value [1%] not applicable

Boiling point [°C] No information available.

Flash point [°C] > 200

Flammability (solid, gas) [°C] No information available. Lower explosion limit No information available. **Upper explosion limit** No information available.

Oxidising properties

Vapour pressure/gas pressure [kPa] No information available. 0,842 (15 °C / 59,0 °F) Density [g/ml]

Bulk density [kg/m³] not applicable Solubility in water immiscible

Solubility other solvents No information available. Partition coefficient [n-octanol/water] No information available. Kinematic viscosity

> 20,5 mm²/s (40° C)

14 mm²/s (100°C) (DIN 51562/T1)

Relative vapour density No information available. **Evaporation speed** No information available. Melting point [°C] No information available. **Auto-ignition temperature** No information available. Decomposition temperature [°C] No information available. Particle characteristics No information available.

9.2 Other information

Pour point: -36°C

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

No hazardous decomposition products known.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product

oral, Based on the available information, the classification criteria are not fulfilled .:

Substance

Bis(nonylphenyl)amine, CAS: 36878-20-3

LD50, oral, Rat: >5000 mg/kg (OECD 401).

Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7

LD50, oral, Rat: > 5000 mg/kg.

branched hexatriacontane, CAS: 151006-62-1

LD50, oral, Rat: >5000 mg/kg bw (OECDE 401).

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4

LD50, oral, Rat: 2600 mg/kg.

C14-16-18 Alkyl phenol

LD50, oral, Rat (female): >2000 mg/kg bw.

Acute dermal toxicity

Product

dermal, Based on the available information, the classification criteria are not fulfilled.:

Substance

Bis(nonylphenyl)amine, CAS: 36878-20-3

LD50, dermal, Rat: >2000 mg/kg (OECD 402).

Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7

LD50, dermal, Rabbit: > 2000 mg/kg.

LC50, dermal, Rat: 2,18 mg/l.

branched hexatriacontane, CAS: 151006-62-1

LD50, dermal, Rat: >2000 mg/kg bw (OECDE 402).

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4

LD50, dermal, Rabbit: >3160 mg/kg bw/day.

C14-16-18 Alkyl phenol

LD50, dermal, Rat: >2000 mg/kg bw.

Acute inhalational toxicity

Product

inhalative, Based on the available information, the classification criteria are not fulfilled .:

Substance

branched hexatriacontane, CAS: 151006-62-1

LC50, inhalative, Rat: >5,06 mg/l air (OECDE 403).

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4

LC50, inhalative, Rat: >2 mg/l.

Serious eye damage/irritation

Toxicological data of complete product are not available.

No classification.

CAS 93819-94-4: > 10% - <=12,5% Eye Irrit. 2: Classification was carried out based on

substance-specific concentration limits.

Calculation method



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Skin corrosion/irritation Based on the available information, the classification criteria are not fulfilled.

Respiratory or skin sensitisation Toxicological data of complete product are not available.

May cause an allergic skin reaction.

Calculation method

Specific target organ toxicity —

single exposure

Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity —

repeated exposure

Based on the available information, the classification criteria are not fulfilled.

Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Substance

branched hexatriacontane, CAS: 151006-62-1

NOAEL, Rat: 1000 mg/ kg bw/d.

Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

Aspiration hazardBased on the available information, the classification criteria are not fulfilled. **General remarks**

Toxicological data of complete product are not available.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.



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SECTION 12: Ecological information

12.1 Toxicity

Product

Based on the available information, the classification criteria are not fulfilled .:

Substance

Bis(nonylphenyl)amine, CAS: 36878-20-3

EC50, (48h), Daphnia magna: >100 mg/l (OECD 202).

LC0, (96h), Brachidanio rerio: 58 mg/l (OECD 203).

Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7

EL50, (24h), Daphnia magna: > 10000 mg/l.

NOELR, (14d), Oncorhynchus mykiss: >= 1000 mg/l.

LL50, (96h), Pimephales promelas: >100 mg/l.

NOEL, (72h), Pseudokirchneriella subcapitata: >= 100 mg/l.

NOEL, (21d), Daphnia magna: 10 mg/l.

branched hexatriacontane, CAS: 151006-62-1

IC50, (24h), Oncorhynchus mykiss: >1000 mg/l (OECD 203).

NOEC, (96h), Pseudokirchneriella subcapitata: >1000 mg/l (OECD 201).

NOEC, (48h), Daphnia magna: >1000 mg/l (OECD 202).

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4

EC50, (72h), Selenastrum capricornutum: 2,1 mg/l.

EC50, (3h), Activated sludge: >10000 mg/l.

EC50, (48h), Daphnia magna: 5,4 mg/l (OECD 202)

IC50, (21d), Daphnia magna: >0,8 mg/l.

LL50, (96h), Oncorhynchus mykiss: 4,5 mg/l.

C14-16-18 Alkyl phenol

LC50, (96h), Cyprinus carpio: >100 mg/l.

EC50, (72h), Pseudokirchneriella subcapitata: >100 mg/l.

EC50, (24h), Daphnia magna: >100 mg/l.

NOEC, (72h), Pseudokirchneriella subcapitata: 100 mg/l.

NOELR, (24h), Daphnia magna: >100 mg/l.

12.2 Persistence and degradability

Behaviour in environment not determined

compartments

Behaviour in sewage plant not determined Biological degradability not determined

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.



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12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

In according to RoHS!

Coordinate disposal with the disposal contractor/authorities if necessary.

Dispose of as hazardous waste.

Waste no. (recommended)

130205* mineral-based non-chlorinated engine, gear and lubricating oils

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number

Transport by land according to

ADR/RID

not applicable

Inland navigation (ADN)

not applicable

Marine transport in accordance with

IMDG

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Inland navigation (ADN)

Transport by land according to ADR/RID

NO DANGEROUS GOODS

NO DANGEROUS GOODS

Marine transport in accordance with NOT CLASSIFIED AS "DANGEROUS GOODS"

IMDG

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

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14.3 Transport hazard class(es)

Transport by land according to

ADR/RID

not applicable

Inland navigation (ADN)

not applicable

Marine transport in accordance with

IMDG

Air transport in accordance with IATA not applicable

14.4 Packing group

ADR/RID

Transport by land according to

not applicable

Inland navigation (ADN)

not applicable

Marine transport in accordance with

IMDG

not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to

ADR/RID

no

Inland navigation (ADN)

no

Marine transport in accordance with no

IMDG

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS

2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131;

(EU) 517/2014

TRANSPORT-REGULATIONS ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011). - Observe employment restrictions

for people

Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.

- VOC (2010/75/CE) 0 %

15.2 Chemical safety assessment

not applicable



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SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.

H318 Causes serious eye damage.

H315 Causes skin irritation.

H413 May cause long lasting harmful effects to aquatic life.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par

Route

RID = Règlement concernant le transport international ferroviaire de marchandises

dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par

voie de navigation intérieure

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EC50 = Median effective concentration

ECB = European Chemicals Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

EL50 = Median effective loading

ELINCS = European List of Notified Chemical Substances

EmS = Emergency Schedules

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC-Code = International Code for the Construction and Equipment of Ships carrying

Dangerous Chemicals in Bulk

IC50 = Inhibition concentration, 50%

IMDG = International Maritime Code for Dangerous Goods

IUCLID = International Uniform ChemicaL Information Database

IVIS = In vitro irritation score

LC50 = Lethal concentration, 50%

LD50 = Median lethal dose

LC0 = lethal concentration, 0%

LOAEL = lowest-observed-adverse-effect level

LL50 = Median lethal loading

LQ = Limited Quantities

MARPOL = International Convention for the Prevention of Marine Pollution from Ships

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

PBT = Persistent, Bioaccumulative and Toxic substance

PNEC = Predicted No-Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

STP = Sewage Treatment Plant

TLV®/TWA = Threshold limit value - time-weighted average TLV®STEL = Threshold limit value - short-time exposure limit

VOC = Volatile Organic Compounds

vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure Skin Sens. 1: H317 May cause an allergic skin reaction. ()

Modified position SECTION 3 been added: branched hexatriacontane