



SAFETY DATA SHEET

Conforme to réglementation 453/2010 - REACH

KENNOL TRUCKING MT 5W30

Replace version xx/xx/xxxx

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SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

- Product name: **KENNOL TRUCKING MT 5W30**

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

- Commercial use: 4 Stroke motor oil (for more details, please report back to the technical manual)

1.3. Details of the supplier of the Safety Data Sheet

- Fournisseur **ACCOR LUBRIFIANTS SA**

Adresse : 8 Rue du Mans - BP 30406 - 49304 CHOLET CEDEX

Téléphone : 02.41.75.26.70

Télécopie : 02.41.62.67.02

Contact e-mail : emilie.auribault@accor-lubrifiants.com

1.4. Emergency telephone number

In France, the valid emergency number is the ORFILA (INRS) number: + 33 (0)1 45 42 59 59. This telephone number gives contacts of all French poison centers ("centres anti-poison et de toxicovigilance"). These information centers provide you with free medical advice (except the cost of call), 24 hours a day, 7 days a week. For the information related to other countries, see the web page dedicated to national helpdesks of the ECHA website (European Chemicals Agency) that lists all the information by country:

<http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks>

SECTION 2 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Most important adverse effects

Human Health : See section 11 for toxicological information.
Physical and chemical hazards : See section 9 for physicochemical information.



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Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Other Labelling information:

Sensitising components : C14-16-18 Alkyl Phenol
May produce an allergic reaction

2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	Classification (67/548/EEC)	
		Hazard class / Hazard category	Hazard Statements	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified				
Index-No. : 649-483-00-5	>= 50 - <70	Asp.Tox.1	H304	Harmful ; Xn ; R65
CAS-No. : 72623-87-1				
EC-No. : 276-738-4				
EC : 01-2119474889-13-xxxx				
Registration				
1- Decene, homopolymer, hydrogenated				
CAS-No. : 638037-01-4	>= 10 - <20	Asp.Tox.1	H304	Harmful ; Xn ; R65
EC-No. : 5001831				
EC : 01-2119486452-34-xxxx				
Registration				
Distillates (petroleum), solvent-dewaxed heavy paraffinic				
Index-No. : 649-474-00-6	>= 1 - <10	Asp.Tox.1	H304	Harmful ; Xn ; R65



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CAS-No. : 64742-65-0

EC-No. : 265-169-7

Bis(nonylphenyl)amine

CAS-No. : 36878-20-3

>= 1 - <2,5

Aquatic Chronic4

H413

R53

EC-No. : 253-249-4

EC : 01-2119488911-28-xxxx

Registration

A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl) propionate

Index-No. : 607-530-00-7

>= 1 - <2,5

Aquatic Chronic4

H413

R53

CAS-No. : 125643-61-0

EC-No. : 406-040-9

EC : 01-0000015551-76-xxxx

Registration

Zinc bis [O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)

CAS-No. : 93819-94-4

>= 1 - <2,5

Skin.Irrit.2

H315

Irritant ; Xi ; R38

EC-No. : 298-577-9

Eye Dam.1

H318

Irritant ; Xi ; R41

EC : 01-2119543726-33-xxxx

Aquatic Chronic.2

H411

Dangerous for the
environment ; N ;
R51/53

Registration

C14-16-18 Alkyl phenol

EC-No. : 931-468-2

>= 0,1 - <0,25

Skin Sens.1B

H317

R43

Aquatic Chronic.4

H413

R53

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4 - FIRST AID MEASURES

4.1. Description of first aid measures

General advice : No special precautions required.

If inhaled : Remove to fresh air. If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water

In case of eye contact : Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist call a physician.



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If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Effects : See Section 11 for more detailed information on health effects and symptoms.

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

Treatment : Treat symptomatically

SECTION 5 - FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : Under fire conditions: Carbon monoxide, Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.

Further advice : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures



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Personal precautions : Use personal protective equipment. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions : Do not allow undiluted product or large quantities of it to reach sewage system or water bodies.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders.) Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations."

6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on personal protective equipment.

See Section 13 for waste treatment information.

SECTION 7 - HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Handle in accordance with good industrial hygiene and safety practice. This product contains Zinc Dialkyl DithioPhosphate (ZDDP), a thermally sensitive substance. Do not reheat above the maximum loading temperature. Higher temperatures can result in an exothermic decomposition of the ZDDP releasing hydrogen sulphide and odourous alkyl mercaptans. Alkyl mercaptans can be smelled at extremely low concentrations, and vapours may travel for many miles at detectable concentrations. These decomposition vapours are also flammable and may suddenly ignite when mixed with air in the presence of ignition sources. Caution must be exercised when heating this product. Electrical or steam heating systems with a self limiting max temperature not exceeding 120 oC is recommended. When heated, product temperature should be constantly monitored. Store below the recommended maximum loading/unloading temperature to avoid degradation



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of product and decomposition. Extreme caution must be used in tank gauging or similar operations as overheating could lead to accumulation of Hydrogen Sulphide. Warning: If material is overheated Hydrogen Sulphide may be released which can cause Ill-Health or death without a detectable odour. If decomposition is suspected, or if the product has been overheated, do not open container, discontinue heating and secure the unit; Initiate emergency procedures, taking all necessary precautions to avoid exposure to noxious or flammable gases.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Provide adequate ventilation. Avoid contact with the skin and the eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep only in the original container.
Advice on protection against fire and containers : Normal measures for preventive fire protection.
Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep away from heat. Protect from frost.
Advice on common storage : Keep away from food, drink and animal feedingstuffs

7.3. Specific end use(s)

Specific use(s) : No information available.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Other Occupational exposure limit values:

(Additional) Information: Contains no substances with occupational exposure limit values.



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Component:	Bis(nonylphenyl)amine	CAS-No. 36878-20-3
Derived No Effect Level (DNEL)/ Derived Minimal Effect Level (DMEL)		

DNEL

Workers, Long-term - systemic effects, Skin contact : 0,62 mg/kg bw/day

DNEL

Workers, Long-term - systemic effects, Inhalation : 4,37 mg/m3

DNEL

Consumers, Long-term - systemic effects, Skin contact : 0,31 mg/kg bw/day

DNEL

Consumers, Long-term - systemic effects, Inhalation : 1,09 mg/m3

DNEL

Consumers, Long-term - systemic effects, Ingestion : 0,31 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

Fresh water	: 0,1 mg/l
Marine water	: 0,01 mg/l
Fresh water sediment	: 132000 mg/kg
Marine sediment	: 13200 mg/kg
Soil	: 263000 mg/kg

Component:	Zinc bis [O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	CAS-No.93819-94-4
Derived No Effect Level (DNEL)/ Derived Minimal Effect Level (DMEL)		

no data available

Predicted No Effect Concentration (PNEC)

no data available

Component:	A mixture of isomers of: C7-9-alkyl 3- (3,5-di-trans-butyl-4-hydroxyphenyl)propionate	CAS-No. 125643-61-0
Derived No Effect Level (DNEL)/ Derived Minimal Effect Level (DMEL)		

DNEL

Workers, Acute - systemic effects, Skin contact : 20 mg/kg bw/day



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DNEL

Workers, Long-term - local effects, Skin contact : 1 mg/cm²

DNEL

Workers, Long-term - systemic effects, Skin contact : 0,22 mg/kg bw/day

DNEL

Workers, Acute - local effects, Skin contact : 0,006 mg/cm²

Predicted No Effect Concentration (PNEC)

Fresh water : 0,0043 mg/l

Marine water : 0,00043 mg/l

Fresh water sediment : 233 mg/kg

Marine sediment : 23,3 mg/kg

Soil : 189 mg/kg

8.2. Exposure controls

Personal protective equipment

Respiratory protection

Advice : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection

Advice : The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection

Advice : Safety glasses with side-shields

Skin and body protection

Advice : Wear suitable protective clothing.

Protective measures

Advice : When using, do not eat, drink or smoke.

Environmental exposure controls

General advice : Do not allow undiluted product or large quantities of it to reach



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sewage system or water bodies.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form	: liquid
Colour	: no data available
Odour	: no data available
Odour Threshold	: no data available
pH	: no data available
Freezing point	: no data available
Boiling point	: no data available
Flash point	: > 200°C
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Density	: 0,86g/cm ³
Solubility/qualitative	: no data available
Partitioncoefficient	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, kinematic	: 12,2 mm ² /s (100°C) 70,4mm ² /s (40°C)
Explosivity	: no data available



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Oxidizing properties : no data available

9.2. Other information

No further information available.

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Advice : Stable under recommended storage conditions.

10.2. Chemical stability

Advice : No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions

10.4. Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5. Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours. Vapours of hydrogen sulfide (H₂S)



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SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Data for the product		
Acute toxicity		
Oral		
No data available		
Inhalation		
No data available		
Dermal		
No data available		
Irritation		
Skin		
No data available		
Eyes		
No data available		
Sensitisation		
No data available		
CMR effects		
CMR Properties		
Carcinogenicity	: no data available	
Mutagenicity	: no data available	
Reproductive toxicity	: no data available	
Specific Target Organ Toxicity		
Single exposure		
No data available		
Repeated exposure		
No data available		
Other toxic properties		
Repeated dose toxicity		
No data available		
Aspiration hazard		
No data available		
Component:	1-Decene, homopolymer, hydrogenated	CAS-No. 68037-01-4
Acute toxicity		
Oral		
No data available		
Inhalation		
No data available		
Dermal		
No data available		
Irritation		



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Skin

Result :No data available

Eyes

Result :No data available

Sensitisation

Result :No data available

CMR effects

CMR Properties

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

Specific Target Organ Toxicity

Single exposure

Remark : No data available

Repeated exposure

Remark : No data available

Other toxic properties

Aspiration hazard

May be fatal if swallowed and enters airways

Component:

Bis (nonylphenyl) amine

CAS-No. 36878-20-3

Acute toxicity

Oral

LD50 Oral : > 5 000mg/kg (Rat) (OECD Test Guideline 401)
Information given is based on data obtained from similar substances.

Inhalation

Study scientifically not justified

Dermal

LC50 : > 2000mg/kg (Rat) (OECD Test Guideline 402)
Information given is based on data obtained from similar substances.

Irritation

Skin

Result : No skin irritation (Rabbit) (OECD Test Guideline 404)

Eyes

Result : No eye irritation (Rabbit) (OECD Test Guideline 405)

Sensitisation

Result : Does not cause skin sensitisation. (Maximisation Test; Guinea Pig)
(OECD Test Guideline 406)
Information given is based on data obtained from similar substances.

CMR effects

CMR Properties

Carcinogenicity : It is not considered carcinogenic.

Mutagenicity : In viro tests did not show mutagenic effects
In vivo tests did not show mutagenic effects
Information given is based on data obtained from similar substances.



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Reproductive toxicity : it is not considered toxic for reproduction.

Information given is based on data obtained from similar substances

Specific Target Organ Toxicity

Single exposure

Remark : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remark : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Aspiration hazard

No aspiration toxicity classification

Component: Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate) CAS-No.93819-94-4

Acute toxicity

Oral

LD50 : 2 600mg/kg (Test substance: yes)
Based on available data, the classification criteria are not met.

Inhalation

LC50 : > 2mg/l (Rat,male; 1h) (OECD Test Guideline 403)
Based on available data, the classification criteria are not met.

Dermal

LC50 : > 3160mg/kg (Test substance: yes) (OECD Test Guideline 402)
Based on available data, the classification criteria are not met.

Irritation

Skin

Result : (Guinea pig; 4h; Irritating to skin.) (OECD Test Guideline 404)

Eyes

Result : Causes serious eye damage. (Rabbit; Test substance: yes) (16 CFR 1500.42)

Sensitisation

Result : No a skin sensitizer.(Buehler Test; Guinea Pig) (OECD Test Guideline 406)
Based on available data, the classification criteria are not met.

CMR effects

CMR Properties

Mutagenicity : Ames test: negative
In vivo tests did not show mutagenic effects

Reproductive toxicity : it is not considered toxic for reproduction.

Specific Target Organ Toxicity

Single exposure

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

Repeated exposure

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

Other toxic properties

Aspiration hazard



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

Component: Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Acute toxicity

Oral

No data available

Inhalation

No data available

Dermal

No data available

Irritation

Skin

Result : Irritating to skin. (4 h) (OECD Test Guideline 404)

Eyes

Result : No data available

Sensitisation

Result : Causes sensitisation. (Maximisation Test)
May cause an allergic skin reaction.

CMR effects

CMR Properties

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

Specific Target Organ Toxicity

Single exposure

Remark : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remark : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Aspiration hazard

No aspiration toxicity classification

Component: C14-16-18 Alkyl phenol

Acute toxicity

Oral

No data available

Inhalation

No data available

Dermal

No data available

Irritation

Skin

No data available

Eyes

No data available



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Sensitisation

No data available

CMR effects

CMR Properties

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

Specific Target Organ Toxicity

Single exposure

No data available

Repeated exposure

No data available

Other toxic properties

Aspiration hazard

No data available

Component: Distillates (petroleum), hydrotreated heavy paraffinic CAS-No. 64742-54-7

Acute toxicity

Oral

No data available

Inhalation

No data available

Dermal

No data available

Irritation

Skin

No data available

Eyes

No data available

Sensitisation

No data available

CMR effects

CMR Properties

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

Specific Target Organ Toxicity

Single exposure

No data available

Repeated exposure

No data available

Other toxic properties

Aspiration hazard

May be fatal if swallowed and enters airways

Component: Distillates (petroleum), solvent-dewaxed CAS-No. 64742-65-0



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heavy paraffinic

Acute toxicity

Oral

No data available

Inhalation

No data available

Dermal

No data available

Irritation

Skin

No data available

Eyes

No data available

Sensitisation

No data available

CMR effects

CMR Properties

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

Specific Target Organ Toxicity

Single exposure

No data available

Repeated exposure

No data available

Other toxic properties

Aspiration hazard

May be fatal if swallowed and enters airways

Component: Lubricating oils (petroleum), C15-30, CAS-No. 72623-86-0
Hydrotreated neutral oil-based; Baseoil - unspecified

Acute toxicity

Oral

LD50 : > 5 000 mg/kg (Rat) (OECD Test guideline 401)

Inhalation

LC50 : > 5,53mg/l (Rat, 4h; dust/mist) (OECD Test Guideline 403)

Dermal

LC50 : > 2000mg/kg (Rabbit) (OECD Test Guideline 402)

Irritation

Skin

Result : (No skin irritation) (OECD Test Guideline 404)

Eyes

Result : No eye irritation. (OECD Test Guideline 405)

Sensitisation

Result : Does not cause skin sensitisation. (OECD Test Guideline 406)

CMR effects

CMR Properties



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Carcinogenicity	: Based on available data, the classification criteria are not met.
Mutagenicity	: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects
Teratogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity

Single exposure

Remark : No symptoms known or expected.

Repeated exposure

Remark : No symptoms known or expected.

Other toxic properties

Aspiration hazard

May be fatal if swallowed and enters airways

Component: Lubricating oils (petroleum), C20-50, CAS-No. 72623-87-1
Hydrotreated neutral oil-based; Baseoil - unspecified

Acute toxicity

Oral

LD50 : > 2 000 mg/kg (Rat)

Inhalation

LC50 : No data available

Dermal

LC50 : > 2000mg/kg (Rabbit)

Irritation

Skin

Result : Prolonged skin contact may cause skin irritation and/or dermatitis

Eyes

Result : May cause eye irritation.

Sensitisation

Result : No sensitizing effect known.

CMR effects

CMR Properties

Carcinogenicity : No data available
Mutagenicity : No data available
Reproductive toxicity : No data available

Specific Target Organ Toxicity

Single exposure

Remark : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remark : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Aspiration hazard

May be fatal if swallowed and enters airways



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Component:	CAS-No. 72623-87-1
Acute toxicity	
Oral	
LD50 Oral	: > 5 000 mg/kg (Rat) (OECD Test guideline 401)
Inhalation	
LC50	: (Rat; 4h; dust/mist) (OECD Test guideline 403)
Dermal	
LD50 Dermal	: > 2000mg/kg (Rabbit) (OECD Test guideline 402)
Irritation	
Skin	
Result	: Prolonged skin contact may cause skin irritation and/or dermatitis
Sensitisation	
Result	: Does not cause skin sensitisation. (OECD Test guideline 406)
CMR effects	
CMR Properties	
Carcinogenicity	: Based on available data, the classification criteria are not met.
Mutagenicity	: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects
Teratogenicity	: It is not considered teratogenic.
Reproductive toxicity	: No toxicity to reproduction.
Specific Target Organ Toxicity	
Single exposure	
Remark	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
Repeated exposure	
Remark	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Other toxic properties	
Aspiration hazard	
No aspiration toxicity classification	
Component:	CAS-No. 72623-87-1
Acute toxicity	
Oral	
	: No data available
Inhalation	
	: No data available
Dermal	
	: No data available
Irritation	
Skin	
Result	: No data available
Eyes	
Result	: No data available
Sensitisation	



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Result	: No data available	
CMR effects		
CMR Properties		
Carcinogenicity	: No data available	
Mutagenicity	: No data available	
Reproductive toxicity	: No data available	
Specific Target Organ Toxicity		
Single exposure		
Remark	: No data available	
Repeated exposure		
Remark	: No data available	
Other toxic properties		
Aspiration hazard		
May be fatal if swallowed and enters airways.		
Component:	A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl) propionate	CAS-No. 125643-61-0
Acute toxicity		
Oral		
LD50 Oral	: > 2 000 mg/kg (Rat) (OECD Test guideline 401)	
Inhalation		
No data available		
Dermal		
LD50 Dermal	: > 2000mg/kg (Rat) (OECD Test guideline 402)	
Irritation		
Skin		
Result	: No skin irritation (Rabbit) (OECD Test guideline 404)	
Eyes		
Result	: No eye irritation (Guinea Pig) (OECD Test guideline 405)	
Sensitisation		
Result	: Does not cause skin sensitisation. (Maximisation Test; Guinea Pig) (OECD Test guideline 406)	
CMR effects		
CMR Properties		
Mutagenicity	: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects	
Reproductive toxicity	: No data available	
Genotoxicity in vitro		
Result	: negative (Ames test) (OECD Test Guideline 471)	
Genotoxicity in vivo		
Result	: negative (In vivo micronucleus test) (Oral)	
Specific Target Organ Toxicity		
Single exposure		
Remark	: The substance or mixture is not classified as specific target organ toxicant, single exposure.	



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Repeated exposure

Remark : No data available

Other toxic properties

Aspiration hazard

No aspiration toxicity classification

SECTION 12 - ECOLOGICAL INFORMATION

12.1. Toxicity

Component:	1-Decene, homopolymer, hydrogenated	CAS-No. 68037-01-4
Acute toxicity		
Fish		
No data available		
Toxicity to daphnia and other aquatic invertebrates		
No data available		
Algae		
No data available		
Component:	Bis (nonylphenyl) amine	CAS-No. 36878-20-3
Acute toxicity		
Fish		
LC 50	: > 100mg/l (Danio rerio (zebra fish); 96h) (static test; OECD Test Guideline 203) Information given is based on data obtained from similar substances.	
Toxicity to daphnia and other aquatic invertebrates		
EC50	: > 100 mg/l (Daphnia magna (Water flea); 48h) (static test; OECD Test Guideline 202)	
Algae		
EC50	: >100 mg/l (Desmodesms subspicatus (green algae); 72h) (static test; OECD Test Guideline 201) Information given is based on data obtained from similar substances.	
Component:	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	CAS-No.93819-94-4
Acute toxicity		
Fish		
LC 50	: 4,5 mg/l (Oncorhynchus mykiss (rainbow trout); 96h) (semi-static test; Analytical monitoring: no; OECD Test Guideline 203) Data based on test results or data from a comparable product.	
Toxicity to daphnia and other aquatic invertebrates		
EL50	: > 5,4 mg/l (Daphnia magna (Water flea); 48h) (static test; Analytical monitoring: yes; OECD Test Guideline 202) Data based on test results or data from a comparable product.	
Algae		
EbC50	: 2,1 mg/l (Senastrum capricornutum; 96h) (static test;	



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Analytical monitoring: yes; OECD Test Guideline 201)
Data based on test results or data from a comparable product.

Component: Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Acute toxicity

Fish

NOEC : 94,8 mg/l (Oncorhynchus mykiss (rainbow trout); 96h) (semi-static test;
Analytical monitoring: no; OECD Test Guideline 203)
Information given is based on data obtained from similar substances.

Toxicity to daphnia and other aquatic invertebrates

EL50 : 50 mg/l (Daphnia magna (Water flea); 48h) (static test;
OECD Test Guideline 202)

Algae

EbC50 : 9,62 mg/l (pseudokirchneriella subcapitata (green algae); 72h)
(End point: Growth rate; OECD Test Guideline 201)

Bacteria

IC50 : > 100mg/l (Bacteria; 3h) (Respiration inhibition)
Information given is based on data obtained from similar substances.

Chronic toxicity

Aquatic invertebrates

NOEC : 100mg/l (Daphnia magna (Water flea); 21 d)

Component: C14-16-18 Alkyl phenol

Acute toxicity

Fish

No data available

Toxicity to daphnia and other aquatic invertebrates

EC50 : > 100 mg/l (Daphnia magna (Water flea); 48h) (static test; OECD Test Guideline 202)

Algae

No data available

Component: Distillates (petroleum), hydrotreated heavy paraffinic **CAS-No. 64742-54-7**

Acute toxicity

Fish

No data available

Toxicity to daphnia and other aquatic invertebrates

No data available

Algae

No data available

Component: Distillates (petroleum), solvent-dewaxed heavy paraffinic **CAS-No. 64742-65-0**

Acute toxicity

Fish

No data available

Toxicity to daphnia and other aquatic invertebrates

No data available

Algae



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No data available

Component: Lubricating oils (petroleum), C15-30, CAS-No. 72623-86-0
Hydrotreated neutral oil-based; Baseoil - unspecified

Acute toxicity

Fish

NOEL : >= 100mg/l (Fish; 96h) (OECD Test Guideline 203)

LL50 : > 100mg/l (Fish; 96h) (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EL50 : > 10000mg/l (Crustaceans) (OECD Test Guideline 202)

LL50 : > 10000mg/l (Crustaceans) (OECD Test Guideline 202)

NOEL : > 10000mg/l (Crustaceans) (OECD Test Guideline 202)

Algae

NOEL : >= 100mg/l (algae; 72h) (OECD Test Guideline 201)

Chronic toxicity

Aquatic invertebrates

NOEL : > 10mg/l (Crustaceans) (OECD Test Guideline 211)

Component: Lubricating oils (petroleum), C20-50, CAS-No. 72623-87-1
Hydrotreated neutral oil-based; Baseoil - unspecified

Acute toxicity

Fish

No data available

Toxicity to daphnia and other aquatic invertebrates

LC50 : > 100 mg/l (Daphnia magna; 96 h)

Algae

EC50 : > 100 mg/l (algae; 48 h)

Component: CAS-No. 72623-87-1

Acute toxicity

Fish

NOEL : >= 100mg/l (Fish; 96h) (OECD Test Guideline 203)

LL50 : > 100mg/l (Fish; 96h) (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

LL50 : > 10000mg/l (Crustaceans; 96h) (OECD Test Guideline 202)

NOEL : > 10000mg/l (Crustaceans; 96h) (OECD Test Guideline 202)

EL50 : > 10000mg/l (Crustaceans; 48h) (OECD Test Guideline 202)

Algae

NOEL : >= 100mg/l (algae; 72h) (OECD Test Guideline 201)

Chronic toxicity

Aquatic invertebrates

NOEL : > 10mg/l (Crustaceans; 21d) (OECD Test Guideline 211)

Component: CAS-No. 72623-87-1

Acute toxicity

Fish

No data available

Toxicity to daphnia and other aquatic invertebrates



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No data available

Algae

No data available

Component: A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl) propionate **CAS-No. 125643-61-0**

Acute toxicity

Fish

(Danio rerio (zebra fish); 96h) (semi-static test; OECD Test Guideline 203)
No effect up to the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates

EC50 : > 100mg/l (Daphnia magna (Water flea); 24h) (OECD Test Guideline 202)
No effect up to the limit of solubility.

Algae

EC50 : > 3 mg/l (Desmodesmus subspicatus (green algae); 72h) (OECD Test Guideline 201)
No effect up to the limit of solubility.

12.2. Persistence and degradability

Component: 1-Decene, homopolymer, hydrogenated **CAS-No. 68037-01-4**

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : No data available

Component: Bis (nonylphenyl) amine **CAS-No. 36878-20-3**

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : 1,5% (aerobic; activated sludge; 10mg/l; Exposure Time: 28d)
(OECD Test Guideline 301B) Not readily biodegradable

Component: Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate) **CAS-No.93819-94-4**

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : 1,5% (aerobic; activated sludge; 10mg/l; Test substance: yes;
Exposure Time: 28d) (OECD Test Guideline 301B) Not readily biodegradable

Component: Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Persistence and degradability

Persistence

Result : No data available



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Biodegradability

Result : 22,75% (aerobic; activated sludge; Exposure Time: 29d) (OECD Test Guideline 301B) Not readily biodegradable
Information given is based on data obtained from similar substances.

Component: C14-16-18 Alkyl phenol

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : No data available

Component: Distillates (petroleum), hydrotreated heavy paraffinic CAS-No. 64742-54-7

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : No data available

Component: Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS-No. 64742-65-0

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : No data available

Component: Lubricating oils (petroleum), C15-30, Hydrotreated neutral oil-based; Baseoil - unspecified CAS-No. 72623-86-0

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : (OECD Test Guideline 301B)
Not readily biodegradable
no data available

Component: Lubricating oils (petroleum), C20-50, Hydrotreated neutral oil-based; Baseoil - unspecified CAS-No. 72623-87-1

Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : 50% (OECD Test Guideline 301 B)
Not readily biodegradable

Component: CAS-No. 72623-87-1

Persistence and degradability

Persistence

Result : No data available



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Biodegradability	
Result	: (OECD Test Guideline 301 B) Not readily biodegradable
Component:	CAS-No. 72623-87-1
Persistence and degradability	
Persistence	
Result	: No data available
Biodegradability	
Result	: No data available
Component:	A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl) propionate
	CAS-No. 125643-61-0
Persistence and degradability	
Persistence	
Result	: No data available
Biodegradability	
Result	: (OECD Test Guideline 301 B) Not readily biodegradable

12.3. Bioaccumulative potential

Component:	1-Decene, homopolymer, hydrogenated	CAS-No. 68037-01-4
Bioaccumulation		
Result	: No data available	
Component:	Bis (nonylphenyl) amine	CAS-No. 36878-20-3
Bioaccumulation		
Result	: log kow > 7,6 Bioaccumulation is expected.	
Component:	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	CAS-No.93819-94-4
Bioaccumulation		
Result	: log Pow <1 Bioaccumulation is not expected.	
Component:	Molybdenum polysulphide long chain alkyl dithiocarbamate complex	
Bioaccumulation		
Result	: BCF: 88 (Cyprinus carpio (Carp); 25°C; 0,05 mg/l) (OECD Test Guideline 305) Bioaccumulation is unlikely. Information given is based on data obtained from similar substances.	
Component:	C14-16-18 Alkyl phenol	
Bioaccumulation		
Result	: No data available	
Component:	Distillates (petroleum), hydrotreated heavy paraffinic	CAS-No. 64742-54-7
Bioaccumulation		



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Result	: log kow > 6 No data available	
Component:	Distillates (petroleum), solvent-dewaxed heavy paraffinic	CAS-No. 64742-65-0
	Bioaccumulation	
Result	: No data available	
Component:	Lubricating oils (petroleum), C15-30, Hydrotreated neutral oil-based; Baseoil - unspecified	CAS-No. 72623-86-0
	Bioaccumulation	
Result	: log kow > 6 Bioaccumulation is potentially possible.	
Component:	Lubricating oils (petroleum), C20-50, Hydrotreated neutral oil-based; Baseoil - unspecified	CAS-No. 72623-87-1
	Bioaccumulation	
Result	: Bioaccumulation is expected.	
Component:		CAS-No. 72623-87-1
	Bioaccumulation	
Result	: log kow > 6 Bioaccumulation is expected.	
Component:		CAS-No. 72623-87-1
	Bioaccumulation	
Result	: No data available	
Component:	A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4-hydroxyphenyl) propionate	CAS-No. 125643-61-0
	Bioaccumulation	
Result	: log Kow 9,2 BCF: 260 (Oncorhynchus mykiss (rainbow trout); 35d) (OECD Test Guideline 305) Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.	

12.4. Mobility in soil

Component:	1-Decene, homopolymer, hydrogenated	CAS-No. 68037-01-4
	Mobility	
Result	: No data available	
Component:	Bis (nonylphenyl) amine	CAS-No. 36878-20-3
	Mobility	
Soil	: Adsorbs on soil.	
Component:	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	CAS-No.93819-94-4
	Mobility	
Soil	: After release, adsorbs onto soil.	
Component:	Molybdenum polysulphide long chain alkyl dithiocarbamate complex	



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Mobility		
Soil	: Adsorbs on soil.	
Component:	C14-16-18 Alkyl phenol	
Mobility		
Result	: No data available	
Component:	Distillates (petroleum), hydrotreated heavy paraffinic	CAS-No. 64742-54-7
Mobility		
Result	: No data available	
Component:	Distillates (petroleum), solvent-dewaxed heavy paraffinic	CAS-No. 64742-65-0
Mobility		
Soil	: Adsorbs on soil.	
Component:	Lubricating oils (petroleum), C15-30, Hydrotreated neutral oil-based; Baseoil - unspecified	CAS-No. 72623-86-0
Mobility		
Water	: The product is insoluble and floats on water.	
Air	: The substance will not evaporate into the atmosphere from the water surface.	
Soil	: Adsorbs on soil.	
Component:	Lubricating oils (petroleum), C20-50, Hydrotreated neutral oil-based; Baseoil - unspecified	CAS-No. 72623-87-1
Mobility		
Water	: The main components are insoluble and float on water.	
Component:		CAS-No. 72623-87-1
Mobility		
Water	: The main components are insoluble and float on water.	
Air	: The substance will not evaporate into the atmosphere from the water surface.	
Soil	: Mobile in soil.	
Component:		CAS-No. 72623-87-1
Mobility		
Result	: No data available	
Component:	A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4- hydroxyphenyl) propionate	CAS-No. 125643-61-0
Mobility		
Soil	: Adsorbs on soil.	

12.5. Results of PBT and vPvB assessment

Data for the product



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Results of PBT and vPvB assessment

Result : This substance/ mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0,1% or higher.

Component: 1-Decene, homopolymer, hydrogenated CAS-No. 68037-01-4

Results of PBT and vPvB assessment

Result : No data available

Component: Bis (nonylphenyl) amine CAS-No. 36878-20-3

Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).

Component: Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate) CAS-No.93819-94-4

Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).

Component: Molybdenum polysulphide long chain alkyl dithiocarbamate complex

Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).

Component: C14-16-18 Alkyl phenol

Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).

Component: Distillates (petroleum), hydrotreated heavy paraffinic CAS-No. 64742-54-7

Results of PBT and vPvB assessment

Result : No data available

Component: Distillates (petroleum), solvent-dewaxed heavy paraffinic CAS-No. 64742-65-0

Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).

Component: Lubricating oils (petroleum), C15-30, Hydrotreated neutral oil-based; Baseoil - unspecified CAS-No. 72623-86-0

Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).



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Component:	Lubricating oils (petroleum), C20-50, Hydrotreated neutral oil-based; Baseoil - unspecified	CAS-No. 72623-87-1
Results of PBT and vPvB assessment		
Result	: This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).	
Component:		CAS-No. 72623-87-1
Results of PBT and vPvB assessment		
Result	: This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).	
Component:		CAS-No. 72623-87-1
Results of PBT and vPvB assessment		
Result	: No data available	
Component:	A mixture of isomers of: C7-9-alkyl 3-(3,5-di-trans-butyl-4- hydroxyphenyl) propionate	CAS-No. 125643-61-0
Results of PBT and vPvB assessment		
Result	: This substance is not considered to be persistent, bioaccumulating nor toxic (PBT), this substance is not considered to be very persistent and very bioaccumulating (vPvB).	

12.6. Other adverse effects

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product	: Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
Contaminated Packaging	: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are be disposed of in the same manner as the product.
European Waste Catalogue Number	: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.



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SECTION 14 - TRANSPORT INFORMATION

Not dangerous goods for ADR, RID, IMDG and IATA.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

IMDG : Not applicable.

SECTION 15 - REGULATORY INFORMATION

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

Component:	Lubricating oils (petroleum), C20-50, Hydrotreated neutral oil-based; Baseoil - unspecified	CAS-No. 72623-87-1
EU. REACH, Annex XVII, Appendix 2, Entry 28 – Carcinogens (Regulation 1907/2006/EC)	:	, 276-738-4; Carcinogenicity; Category 1B
EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC)	:	Point Nos.: , 28; Listed
EU. Cosmetics Directive : 76/768/EEC - Annex II	:	Reference number: 798; Listed
EU. Directive :	:	Hazard Designation: ; Carcinogen/Mutagen



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90/394/EEC

Component:**CAS-No. 72623-87-1**

EU. REACH, Annex XVII, : , 276_738-4; Carcinogenicity; Category 1B
Appendix 2, Entry 28-
Carcinogens (Regulation
1907/2006/EC)

EU. REACH, Annex XVII, : Point Nos, 28; Listed
Marketing and use
Restrictions (Regulation
1907/2006/EC)

EU. Cosmetics Directive : Reference number: 798; Listed
76/768/EEC-Annex II

EU.Directive : Hazard Designation; Carcinogen/ Mutagen
90/394/EEC

Component:**Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)]
bis (dithiophosphate)****CAS-No.93819-94-4**

France. INRS, Table of : Table : A; Listed
illnesses related to the workplace

Component:**Distillates (petroleum), hydrotreated
heavy paraffinic****CAS-No. 64742-54-7**

EU. REACH, Annex XVII, : , 265-157-1; Carcinogenicity; Category 1B
Appendix 2, Entry 28-
Carcinogens (Regulation
1907/2006/EC)

EU. REACH, Annex XVII, : Point Nos, 28; Listed
Marketing and use
Restrictions (Regulation
1907/2006/EC)

EU. Cosmetics Directive : Reference number: 778; Listed
76/768/EEC-Annex II

EU.Directive : Hazard Designation; Carcinogen/ Mutagen
90/394/EEC

Component:**Lubricating oils (petroleum), C15-30,
Hydrotreated neutral oil-based; Baseoil - unspecified****CAS-No. 72623-86-0**

EU. REACH, Annex XVII, : , 276_739-9; Carcinogenicity; Category 1B
Appendix 2, Entry 28-
Carcinogens (Regulation
1907/2006/EC)



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EU. REACH, Annex XVII, : Point Nos, 28; Listed
Marketing and use
Restrictions (Regulation
1907/2006/EC)

EU. Cosmetics Directive : Reference number: 797; Listed
76/768/EEC-Annex II

EU.Directive : Hazard Designation; Carcinogen/ Mutagen
90/394/EEC

Component: Lubricating oils (petroleum), C20-50, CAS-No. 72623-87-1
Hydrotreated neutral oil-based; Baseoil - unspecified

EU. REACH, Annex XVII, : , 276-738-4; Carcinogenicity; Category 1B
Appendix 2, Entry 28-
Carcinogens (Regulation
1907/2006/EC)

EU. REACH, Annex XVII, : Point Nos, 28; Listed
Marketing and use
Restrictions (Regulation
1907/2006/EC)

EU. Cosmetics Directive : Reference number: 798; Listed
76/768/EEC-Annex II

EU.Directive : Hazard Designation; Carcinogen/ Mutagen
90/394/EEC

15.2. Chemical Safety Assessment

No data available.

SECTION 16 - OTHER INFORMATION

Full text of H- statements referred to under sections 2 and 3.

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.