

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 04/11/2013 Revision date: 06/06/2017 Supersedes: 06/06/2017 Version: 0.1

SECTION 1: Ide	entification of the substa	ance/mixture and of the co	mpany/undertaking	
1.1. Product i				
Product form		Mixture		
Product name	:	MATIC CVT		
Product code	:	210049		
Type of product	:	Lubricants		
Product group	:	Blend		
1.2. Relevant	identified uses of the substan	ce or mixture and uses advised a	against	
1.2.1. Relevant	identified uses			
Industrial/Professior	nal use spec :	Industrial		
Function or use cate	egory	For professional use only Lubricants and additives		
	rised against			
No additional inform	nation available			
1.3. Details of	f the supplier of the safety dat	a sheet		
UNIL LUBRICANTS Bergensesteenweg 1600 Sint - Pieters - T 0032 02 365 02 0 info@unil.com - ww	713 - Leeuw - Belgique-Belgie 0			
1.4. Emergen	cy telephone number			
Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
	H317			
No additional inform	nation available			
2.2. Label ele	ments			
Labelling accordin Hazard pictograms	ng to Regulation (EC) No. 1272 (CLP)	(2008 [CLP]		
Signal word (CLP)		Warning		
Hazardous ingredie		Acetamide, 2-hydroxy-,N,N-dicoco derivs.; C14-18 alpha-olefin epoxic N-tallow alkyl derivs.		
Hazard statements	(CLP) :	H317 - May cause an allergic skin H412 - Harmful to aquatic life with		
Precautionary state	ments (CLP) :	P272 - Contaminated work clothing P273 - Avoid release to the environ P280 - Wear protective gloves P333+P313 - If skin irritation or ras P362+P364 - Take off contaminate	g should not be allowed out on ment sh occurs: Get medical advice	e/attention
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P501 - Dispose of contents/container to a hazardous or special waste collection point

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### **SECTION 3: Composition/information on ingredients**

3.1. Substances

### Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated heavy paraffinic	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 (REACH-no) 01-2119484627-25	50 - 80	Asp. Tox. 1, H304
1-Decene, dimer, hydrogenated	(CAS-No.) 68649-11-6 (EC-No.) 500-228-5 (REACH-no) 01-2119493069-28	10 - 20	Acute Tox. 4 (Inhalation), H332 Asp. Tox. 1, H304
Acetamide, 2-hydroxy-,N,N-dicoco alkyl derivs.	(CAS-No.) 866259-61-2 (EC-No.) 471-920-1 (REACH-no) 01-0000019770-68	1 - 2,5	Skin Sens. 1B, H317
Alkyl Borate		1 - 2,5	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
bis(nonylphenyl)amine	(EC-No.) 253-249-4 (REACH-no) 01-2119488911-28	1 - 2,5	Aquatic Chronic 4, H413
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivatives, C10-rich	(CAS-No.) 398141-87-2 (EC-No.) 800-172-4	1 - 2,5	Aquatic Chronic 2, H411
1,2-Propanediol, 3-amino-,N,N-dicoco alkyl derivs.	(EC-No.) 482-000-4 (REACH-no) 01-0000020142-86	0,1 - 1	Skin Sens. 1, H317 Aquatic Chronic 3, H412
C14-18 alpha-olefin epoxide, reaction products with boric acid	(EC-No.) POLYMER	0,1 - 1	Skin Sens. 1B, H317
diphenylamine	(CAS-No.) 122-39-4 (EC-No.) 204-539-4 (EC Index-No.) 612-026-00-5	0,1 - 1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.	(CAS-No.) 61791-44-4 (EC-No.) 263-177-5	0,1 - 1	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

#### Full text of H-statements: see section 16

SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures general	:	If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	:	When symptoms occur: go into open air and ventilate suspected area. Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	:	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse.
First-aid measures after eye contact	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists. Rinse immediately with plenty of water.
First-aid measures after ingestion	:	Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and effe	cts,	, both acute and delayed
Symptoms/effects	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	:	May cause an allergic skin reaction.
Symptoms/effects after skin contact	:	Contact during a long period may cause light irritation.
Symptoms/effects after eye contact	:	May cause slight irritation.
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	al attention and special treatment needed
No additional information available	
SECTION 5: Fire-fighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Dry powder. Carbon dioxide. Foam. Sand. AFFF foam. Water spray.
Unsuitable extinguishing media	: Do not use a heavy water stream. When cooling/extinguishing: no water in the substance.
5.2. Special hazards arising from the su	ibstance or mixture
Fire hazard	: Combustible product.
Explosion hazard	: Not applicable.
Reactivity in case of fire	: Decomposes on exposure to temperature rise: release of harmful/irritant gases/vapours.
Hazardous decomposition products in case of fire	: Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.
5.3. Advice for firefighters	
Precautionary measures fire	: Post warning notices (including no smoking). Avoid ignition sources. No open flames, no sparks, and no smoking.
Firefighting instructions	: Evacuate area. Prevent fire fighting water from entering the environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Use water spray or fog for cooling exposed containers.
SECTION 6: Accidental release mea	sures
	quipment and emergency procedures

6.1. Perso	nal precautions, protective equ	Jip	ment and emergency procedures
General measur	es	:	Relevant water authorities should be notified of any large spillage to water course or drain. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.
6.1.1. For no	on-emergency personnel		
Protective equip	ment	:	Concerning personal protective equipment to use, see section 8. Wear suitable protective clothing and gloves.
Emergency proc	edures	:	Evacuate unnecessary personnel. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
Measures in cas	e of dust release	:	Not applicable.
6.1.2. For er	mergency responders		
Protective equip	ment	:	Equip cleanup crew with proper protection.
Emergency proc	edures	:	Clean up any spills as soon as possible, using an absorbent material to collect it. Ventilate area.
6.2. Enviro	onmental precautions		
Avoid release to	the environment.		
6.3. Metho	ods and material for containmen	nt	and cleaning up
Methods for clea	aning up	:	Clean up any spills as soon as possible, using an absorbent material to collect it. Collect all waste in suitable and labelled containers and dispose according to local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections For disposal of residues refer to section 13 : Disposal considerations" ". Concerning personal protective equipment to use, see section 8. See Heading 8. Exposure controls and personal protection.

: May be dangerously slippery if spilled.

<b>SECTION 7: Handling and storage</b>	
7.1. Precautions for safe handling	
Additional hazards when processed	: Combustible product.
Precautions for safe handling	: Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, inclu	Iding any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Store in original container. Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep in fireproof place.
Incompatible products	: See Heading 10. Strong bases. Strong acids.
Incompatible materials	: See Heading 10. Sources of ignition. Direct sunlight.

Other information

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- Heat and ignition sources Information on mixed storage Storage area
- : No flames, no sparks. Eliminate all sources of ignition.
- : Oxidation agents.
  - : Store away from heat. Floors should be impervious, resistant to liquids and easy to clean.
  - : Keep only in original container.

#### 7.3. Specific end use(s)

Special rules on packaging

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

diphenylamine (122-39-4)		
United Kingdom	Local name	Diphenylamine
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	10 mg/m³
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>

#### 8.2. Exposure controls

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Materials for protective clothing:

Separate working clothes from town clothes. Launder separately

#### Hand protection:

protective gloves

#### Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed. Chemical goggles or safety glasses

#### Skin and body protection:

Rinse and then wash skin thoroughly with water and soap

#### **Respiratory protection:**

Avoid the formation of mists in the atmosphere. If this material is handled at elevated temperature or under mist forming conditions, approved respiratory protection equipment should be used. Wear appropriate mask

#### Other information:

Do not eat, drink or smoke during use.

9.1.       Information on basic physical and chemical properties         Physical state       :       Liquid         Appearance       :       Oily.         Colour       :       colourless to yellow.         Odour       :       characteristic.         Odour threshold       :       No data available         pH       :       Not applicable         pH solution       :       Not applicable         Relative evaporation rate (butylacetate=1)       :       No data available         Metting point       :       No data available         Freezing point       :       No data available         Boling point       :       No data available         Flash point       :       No data available         Flash point       :       No data available         Play point       :       No data available         Flash point       :       No data available         Flash point       :       No data available         Play point       :       No data available         Flash point       :       No data available         Play point       :       No data available         Play point       :       No data available	<b>SECTION 9: Physical and chemical</b>	l properties
Appearance: Oly.Colour: colourless to yellow.Odour: characteristic.Odour threshold: No data available No data availablepH: Not applicablepH solution: Not applicableRelative evaporation rate (butylacetate=1): No data availableMetting point: No data availableFreezing point: No data availableFlash point: No data availableFlammability (solid, gas): No data availableFlammability (solid, gas): Combustible productVapour pressure: < <0,01 mm Hg	9.1. Information on basic physical and	chemical properties
Colour:colourless to yellow.Odour:characteristic.Odour threshold:No data available No data available No data availablepH:No tapplicablepH solution:No data availableRelative evaporation rate (butylacetate=1):No data availableRelative evaporation rate (ether=1):No data availableMelting point:No data availableFreezing point:No data availableFoling point:No data availableFlash point:No data availableFlammability (solid, gas):No data availableFlammability (solid, gas):Combustibe productVapour pressure:Relative vapour density at 20 °C:No data available	Physical state	: Liquid
Odour: characteristr.Odour threshold: No data available No data availablepH: Not applicablepH solution: Not applicableRelative evaporation rate (butylacetate=1): No data availableRelative evaporation rate (butylacetate=1): No data availableRelative evaporation rate (ether=1): No data availableRelative point: No data availableFreezing point: No data availableBoiling point: No data availableFlampoint: 200 °CAuto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Appearance	: Oily.
Odour threshold:No data available No data availablepH:No tapplicablepH solution:No tapplicableRelative evaporation rate (butylacetate=1):No data availableRelative evaporation rate (ether=1):No data availableMelting point:No data availableFreezing point:No data availableBoiling point:No data availableFlash point:No data availableDecomposition temperature:No data availableFlammability (solid, gas):Combustible productVapour pressure:Relative vapour density at 20 °C:No data available	Colour	: colourless to yellow.
No data availablepH: Not applicablepH solution: Not applicableRelative evaporation rate (butylacetate=1): No data availableRelative evaporation rate (ether=1): No data availableMelting point: No data availableFreezing point: No data availableBoiling point: No data availableFlash point: No data availableFlash point: 200 °CAuto-ignition temperature: No data availablePlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Odour	: characteristic.
pH solution:Not applicableRelative evaporation rate (butylacetate=1):No data availableRelative evaporation rate (ether=1):No data availableMelting point:No data availableFreezing point:No data availableBoiling point:No data availableFlash point:No data availableFlash point:200 °CAuto-ignition temperature:No data availableDecomposition temperature:No data availableFlammability (solid, gas):Combustible productVapour pressure:<0,01 mm Hg	Odour threshold	
Relative evaporation rate (butylacetate=1):No data availableRelative evaporation rate (ether=1):No data availableMelting point:No data availableFreezing point:No data availableBoiling point:No data availableFlash point:No data availableFlash point:200 °CAuto-ignition temperature:No data availableDecomposition temperature:No data availableFlammability (solid, gas):Combustible productVapour pressure:<0,01 mm Hg	рН	: Not applicable
Relative evaporation rate (ether=1): No data availableMelting point: No data availableFreezing point: No data availableBoiling point: No data availableBoiling point: No data availableFlash point: 200 °CAuto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	pH solution	: Not applicable
Melting point: No data availableFreezing point: No data availableBoiling point: No data availableBoiling point: No data availableFlash point: 200 °CAuto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Relative evaporation rate (butylacetate=1)	: No data available
Freezing point: No data availableBoiling point: No data availableFlash point: 200 °CAuto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Relative evaporation rate (ether=1)	: No data available
Boiling point: No data availableFlash point: 200 °CAuto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Melting point	: No data available
Flash point: 200 °CAuto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Freezing point	: No data available
Auto-ignition temperature: No data availableDecomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Boiling point	: No data available
Decomposition temperature: No data availableFlammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Flash point	: 200 °C
Flammability (solid, gas): Combustible productVapour pressure: < 0,01 mm Hg	Auto-ignition temperature	: No data available
Vapour pressure: < 0,01 mm HgRelative vapour density at 20 °C: No data available	Decomposition temperature	: No data available
Relative vapour density at 20 °C : No data available	Flammability (solid, gas)	: Combustible product
	Vapour pressure	: < 0,01 mm Hg
Relative density : 0,854	Relative vapour density at 20 °C	: No data available
	Relative density	: 0,854

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Solubility	: Material insoluble in water. soluble in most organic solvents.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 33,69 cSt
Viscosity, dynamic	: No data available
Explosive properties	: Heating may cause a fire. Not classified as explosive according to EC criteria, but may present risks in the event of a fire.
Oxidising properties	: Not applicable.
Explosive limits	: No data available
9.2. Other information	
Additional information	: At or above flash point, vapours present may burn in open or explode if confined when mixed

/ taaitioi	with air and exposed to ignition source
SECT	ION 10: Stability and reactivity
10.1.	Reactivity
No dec	omposition if stored normally.
10.2.	Chemical stability
Combu	stible product. Stable at ambient temperature and under normal conditions of use. Not established.
10.3.	Possibility of hazardous reactions
No dan	gerous reactions known under normal conditions of use.
10.4.	Conditions to avoid
All heat	t sources. Sparks. Open flame. Direct sunlight. Extremely high or low temperatures.
10.5.	Incompatible materials
Strong	oxidizers. Strong acids. Strong bases.
10.6.	Hazardous decomposition products
fume. C	Carbon monoxide. Carbon dioxide.

<b>SECTION 11: Toxicological information</b>	on
11.1. Information on toxicological effects	
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Distillates (petroleum), hydrotreated heavy pa	araffinic (64742-54-7)
LD50 oral rat	> 5000 mg/kg (OECD 420 method)
LD50 dermal rabbit	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat (mg/l)	> 5,53 mg/l/4h (mg/L air, aerosol) (OECD 403 method)
bis(nonylphenyl)amine	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
1-Decene, dimer, hydrogenated (68649-11-6)	
LD50 oral rat	> 4000 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1,17 mg/l/4h
Skin corrosion/irritation	: Not classified
	pH: Not applicable
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified
	pH: Not applicable
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified.
MATIC CVT	
Viscosity, kinematic	33,69 mm²/s
Potential adverse human health effects and symptoms	: Not classified as dangerous preparation/substance. Based on available data, the classification criteria are not met.
SECTION 12: Ecological information	n
12.1. Toxicity	
12.1. Toxicity Ecology - water	: Harmful to aquatic life with long lasting effects.
Toxicity         Ecology - water         Acute aquatic toxicity	: Harmful to aquatic life with long lasting effects. : Not classified
12.1. Toxicity Ecology - water	: Harmful to aquatic life with long lasting effects.
Toxicity         Ecology - water         Acute aquatic toxicity	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul>
12.1. Toxicity Ecology - water Acute aquatic toxicity Chronic aquatic toxicity	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul>
12.1.       Toxicity         Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity         Distillates (petroleum), hydrotreated heavy	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul>
Toxicity         Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity         Distillates (petroleum), hydrotreated heavy         LC50 fish 1	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> <b>paraffinic (64742-54-7)</b> > 100 mg/l (Pimephales promelas, 96h) (OECD 203 method)
<b>12.1. Toxicity</b> Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity <b>Distillates (petroleum), hydrotreated heavy</b> LC50 fish 1         EC50 Daphnia 1	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> <b>v paraffinic (64742-54-7)</b> > 100 mg/l (Pimephales promelas, 96h) (OECD 203 method) > 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method)
Toxicity         Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity         Distillates (petroleum), hydrotreated heavy         LC50 fish 1         EC50 Daphnia 1         EC50 Daphnia 2	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> <b>v paraffinic (64742-54-7)</b> > 100 mg/l (Pimephales promelas, 96h) (OECD 203 method) > 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method) > 10000 mg/l (Daphnia magna, 48h) (OECD 202 method)
Toxicity         Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity         Distillates (petroleum), hydrotreated heavy         LC50 fish 1         EC50 Daphnia 1         EC50 Daphnia 2         NOEC (acute)	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> <li>Yparaffinic (64742-54-7)</li> <li>&gt; 100 mg/l (Pimephales promelas, 96h) (OECD 203 method)</li> <li>&gt; 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method)</li> <li>&gt; 10000 mg/l (Daphnia magna, 48h) (OECD 202 method)</li> <li>&gt; 100 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method)</li> </ul>
<b>12.1. Toxicity</b> Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity <b>Distillates (petroleum), hydrotreated heavy</b> LC50 fish 1         EC50 Daphnia 1         EC50 Daphnia 2         NOEC (acute)         NOEC chronic fish	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> <b>v paraffinic (64742-54-7)</b> > 100 mg/l (Pimephales promelas, 96h) (OECD 203 method) > 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method) > 10000 mg/l (Daphnia magna, 48h) (OECD 202 method) >= 100 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method) >= 1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox, 14/28d)
<b>12.1. Toxicity</b> Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity <b>Distillates (petroleum), hydrotreated heavy</b> LC50 fish 1         EC50 Daphnia 1         EC50 Daphnia 2         NOEC (acute)         NOEC chronic fish         NOEC chronic crustacea	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> </ul> <b>v paraffinic (64742-54-7)</b> > 100 mg/l (Pimephales promelas, 96h) (OECD 203 method) > 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method) > 10000 mg/l (Daphnia magna, 48h) (OECD 202 method) >= 100 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method) >= 1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox, 14/28d)
<b>12.1.</b> Toxicity         Ecology - water         Acute aquatic toxicity         Chronic aquatic toxicity <b>Distillates (petroleum), hydrotreated heavy</b> LC50 fish 1         EC50 Daphnia 1         EC50 Daphnia 2         NOEC (acute)         NOEC chronic fish         NOEC chronic crustacea <b>bis(nonylphenyl)amine</b>	<ul> <li>Harmful to aquatic life with long lasting effects.</li> <li>Not classified</li> <li>Harmful to aquatic life with long lasting effects.</li> <li>rparaffinic (64742-54-7)</li> <li>&gt; 100 mg/l (Pimephales promelas, 96h) (OECD 203 method)</li> <li>&gt; 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method)</li> <li>&gt; 10000 mg/l (Daphnia magna, 48h) (OECD 202 method)</li> <li>&gt;= 100 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method)</li> <li>&gt;= 1000 mg/l (Oncorhynchus mykiss - QSAR Petrotox, 14/28d)</li> <li>10 mg/l (Daphnia magna, 21d) (OECD 211 method)</li> </ul>

#### 12.2. Persistence and degradability

LC50 fish 1

1-Decene, dimer, hydrogenated (68649-11-6)

MATIC CVT			
Persistence and degradability	May cause long-term adverse effects in the environment.		
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)			
Biodegradation	31 % (28d) (OECD 301F method)		
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivatives, C10-rich (398141-87-2)			
Biodegradation	9,6 % MITI 1 (28d)		
bis(nonylphenyl)amine			
Persistence and degradability	Not readily biodegradable.		
Biodegradation	1 % Sturm (28d)		
Alkyl Borate			
Biodegradation	44,6 % Sturm (28 d)		
diphenylamine (122-39-4)			
Biodegradation	26 % (Closed bottle, 28d)		
12.3. Bioaccumulative potential			
MATIC CVT			
Log Pow	No data available		
Log Kow	No data available		
Bioaccumulative potential	Not established.		
Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivatives, C10-rich (398141-87-2)			
Bioconcentration factor (BCF REACH)	1,4 (28 d)		
Log Kow	4,1 octanol/water coefficient (0,1 d)		

> 1000 mg/l

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bis(nonylphenyl)amine	
Log Pow	> 7,6
Log Kow 7,3 Octanol /water coefficient (0.1d)	
diphenylamine (122-39-4)	
Log Kow	3,4 Octanol/water coefficient (0.1d)
12.4. Mobility in soil	
bis(nonylphenyl)amine	
Ecology - soil	Product adsorbs little onto the soil.
12.5. Results of PBT and vPvB assessme	nt
MATIC CVT	
This substance/mixture does not meet the PBT	criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPv	B criteria of REACH regulation, annex XIII
Component	
bis(nonylphenyl)amine ()	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
12.6. Other adverse effects	
Additional information	: Avoid release to the environment
SECTION 13: Disposal consideration	าร
13.1. Waste treatment methods	
Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Recycling is preferred to disposal or incineration. Do not empty into drains, dispose of this

Recycling is preferred to disposal or incineration. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Take up liquid spill into absorbent material, e.g.: sand/earth.
: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
: Avoid release to the environment. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipp	ing name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard	l class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental h	azards			I
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the
environment : No	environment : No Marine pollutant : No	environment : No	environment : No	environment : No
	No s	upplementary information avai	lable	1

14.6. Special precautions for user	
Special transport precautions	: Not regulated or not hazardous
- Overland transport	
Transport regulations (ADR)	: Not subject
- Transport by sea	
Transport regulations (IMDG)	: Not subject
- Air transport	
No data available	
- Inland waterway transport	
No data available	

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#### - Rail transport Transport regulations (RID) : Not subject Transport in bulk according to Annex II of Marpol and the IBC Code 14.7. Not applicable

### **SECTION 15: Regulatory information**

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

#### 15.1.1. **EU-Regulations**

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

#### **National regulations** 15.1.2.

No additional information available

#### 15.2. **Chemical safety assessment**

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

Indication of changes:

Revision - See : *.			
Section	Changed item	Change	Comments
	Supersedes	Added	
	Revision date	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice Other information

: Normal use of this product shall imply use in accordance with the instructions on the packaging. : None.

#### Full text of H- and FUH-statements.

Full text of H- and EUH-stateme	nts:			
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3			
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	Acute toxicity (inhal.), Category 3		
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	Acute toxicity (oral), Category 3		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4			
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4			
Aquatic Acute 1	Hazardous to the aquatic environment — A	cute Hazard, Category 1		
Aquatic Chronic 1	Hazardous to the aquatic environment — C	Chronic Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment — C	Chronic Hazard, Category 2		
Aquatic Chronic 3	Hazardous to the aquatic environment — C	Hazardous to the aquatic environment — Chronic Hazard, Category 3		
Aquatic Chronic 4	Hazardous to the aquatic environment — C	Chronic Hazard, Category 4		
Asp. Tox. 1	Aspiration hazard, Category 1	Aspiration hazard, Category 1		
Asp. Tox. Not classified	Aspiration hazard Not classified	Aspiration hazard Not classified		
Eye Dam. 1	Serious eye damage/eye irritation, Categor	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Categor	ry 2		
Met. Corr. 1	Corrosive to metals, Category 1			
Met. Corr. Not classified	Corrosive to metals Not classified			
Skin Corr. 1B	Skin corrosion/irritation, Category 1B			
Skin Sens. 1	Skin sensitisation, Category 1			
Skin Sens. 1B	Skin sensitisation, category 1B			
STOT RE 2	Specific target organ toxicity — Repeated	Specific target organ toxicity — Repeated exposure, Category 2		
H290	May be corrosive to metals			
H301	Toxic if swallowed			
H302	Harmful if swallowed			
H304	May be fatal if swallowed and enters airwa	ys		
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H311	Toxic in contact with skin	
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	
H331	Toxic if inhaled	
H332	Harmful if inhaled	
H373	May cause damage to organs through prolonged or repeated exposure	
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	

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product