

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 21-02-2014 Revision date:

Date of issue: 21-02-2014 Revision date: : Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : UV resistant varnish matt

Product code : 982

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Varnish

#### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Old Holland Classic Colours Since 1664 Nijendal 36 3972 KC Driebergen Rijsenburg - Nederland T 0031 343 518 224 - F 0031 343 516 342 info@oldholland.com - www.oldholland.com

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum National Institute for Public Health and the Environment, NB this service is only available to health professionals	Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht	+31 30 274 88 88

#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

# Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225
Acute Tox. 4 (Inhalation:dust,mist) H332
Skin Sens. 1 H317
STOT SE 3 H336
Asp. Tox. 1 H304
Aquatic Chronic 2 H411
Full text of H-phrases: see section 16

#### Classification according to Directive 67/548/EEC or 1999/45/EC

F; R11 Xn; R65 R43 N; R51/53 R66

R67

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

20-02-2014 EN (English) 1/9

Item Numbers: 02017-1255, 02017-1351 Page 1 of 9

according to Regulation (EC) No. 1907/2006 (REACH)

#### **Label elements**

Hazard statements (CLP)

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)









Signal word (CLP) : Danger

Hazardous ingredients

methanol, SILICA, reaction mass of  $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -hydroxyphenyl)propionyl- $\omega$ -hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-

hydroxyphenyl)propionyloxypoly(oxyethylene) H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H317 - May cause an allergic skin reaction

H332 - Harmful if inhaled

H336 - May cause drowsiness or dizziness H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking

P261 - Avoid breathing vapours, mist, spray P273 - Avoid release to the environment

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, doctor

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse

skin with water/shower P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P331 - Do NOT induce vomiting

**EUH** phrases : EUH066 - Repeated exposure may cause skin dryness or cracking

#### Other hazards

No additional information available

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

## 3.1. Substance

Not applicable

#### 3.2. **Mixture**

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	< 75	Xn; R65 N; R51/53 R10 R66 R67
Solventnaphta 170	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	10 - 25	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67
SILICA	(CAS No) 7631-86-9 (EC no) 231-545-4	1 - 5	Not classified
reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	(EC no) 400-830-7 (EC index no) 607-176-00-3 (REACH-no) 01-0000015075-76	1 - 5	R43 N; R51/53
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	< 1	F; R11 T; R23/24/25 T; R39/23/24/25
Name	Product identifier	Specific co	oncentration limits
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	(3 =< C < 10	) Xn;R20/21/22 ) Xn;R68/20/21/22 R39/23/24/25 R23/24/25

20-02-2014 EN (English) 2/9

Page 2 of 9 Item Numbers: 02017-1255, 02017-1351

according to Regulation (EC) No. 1907/2006 (REACH)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	(EC no) 919-446-0 (REACH-no) 01-2119458049-33	< 75	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Solventnaphta 170	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	10 - 25	Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
SILICA	(CAS No) 7631-86-9 (EC no) 231-545-4	1 - 5	Acute Tox. 2 (Inhalation:dust,mist), H330
reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	(EC no) 400-830-7 (EC index no) 607-176-00-3 (REACH-no) 01-0000015075-76	1 - 5	Skin Sens. 1, H317 Aquatic Chronic 2, H411
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	< 1	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370
Name	Product identifier	Specific con	centration limits
methanol	(CAS No) 67-56-1 (EC no) 200-659-6 (EC index no) 603-001-00-X	(3 =< C < 10) S (10 =< C) STO	STOT SE 2, H371 T SE 1, H370

Full text of R- and H-phrases: see section 16

#### **SECTION 4: First aid measures**

4.1.	Description	of first aid	massura

First-aid measures general

- : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash
- contaminated clothing before reuse. Repeated exposure may cause skin dryness or cracking.

  First-aid measures after eye contact

  Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction. May cause drowsiness or dizziness.
- Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

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

No additional information available

#### **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture.

# 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any
  - chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

20-02-2014 EN (English) 3/9

Item Numbers: 02017-1255, 02017-1351 Page 3 of 9

according to Regulation (EC) No. 1907/2006 (REACH)

#### For non-emergency personnel

: Evacuate unnecessary personnel. **Emergency procedures** 

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing vapors, mist, spray.

Ventilate area. **Emergency procedures** 

#### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

#### Methods and material for containment and cleaning up

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store aways from other materials. Methods for cleaning up

#### Reference to other sections

See Heading 8. Exposure controls and personal protection.

#### **SECTION 7: Handling and storage**

#### **Precautions for safe handling**

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

: Wash hands and other exposed areas with mild soap and water before eating, drinking or Precautions for safe handling smoking and when leaving work. Provide good ventilation in process area to prevent formation of

vapour. No naked lights. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing vapors, mist, spray.

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### Conditions for safe storage, including any incompatibilities

Technical measures Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Explosion-free electrical equipment and lighting with earth.

Storage conditions

Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep in fireproof place. Keep container tightly closed.

Strong bases. Strong acids.

: Sources of ignition. Direct sunlight. Heat sources. Incompatible materials

#### Specific end use(s)

Incompatible products

Hygiene measures

No additional information available

## **SECTION 8: Exposure controls/personal protection**

# **Control parameters**

No additional information available

#### 8.2. Exposure controls

Avoid all unnecessary exposure. Insufficient ventilation: wear respiratory protection. Gloves. Personal protective equipment

Safety glasses







Hand protection : Wear protective gloves. Since the product consists of several substances, it is possible to

estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Gloves must be replaced aftereach use and whenever signs of wear of perforation

Eye protection Chemical goggles or safety glasses.

Respiratory protection Where exposure through inhalation may occur from use, respiratory protection equipment is

recommended. Wear respiratory protection.

Other information Do not eat, drink or smoke during use.

#### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state : Liquid Colour Colourless. Odour : characteristic. Odour threshold No data available На : No data available

20-02-2014 EN (English) 4/9

Page 4 of 9 Item Numbers: 02017-1255, 02017-1351

# MSDS for #02017 - NEW MASTERS MEDIUMS

#### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Flash point : No data available
Self ignition temperature : No data available
Decomposition temperature : No data available

Flammability (solid, gas) : Highly flammable liquid and vapour

Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : No data available Solubility : No data available Log Pow : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available : No data available Oxidising properties : No data available Explosive limits

#### 9.2. Other information

No additional information available

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established. Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

# 10.5. Incompatible materials

Strong acids. Strong bases.

# 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

Acute toxicity : Harmful if inhaled.

•		
UV resistant varnish matt		
ATE (dust,mist)	1,500 mg/l/4h	
methanol (67-56-1)		
ATE (oral)	100,000 mg/kg bodyweight	
ATE (dermal)	300,000 mg/kg bodyweight	
ATE (gases)	700,000 ppmV/4h	
ATE (vapours)	3,000 mg/l/4h	
ATE (dust,mist)	0,500 mg/l/4h	
Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rat	> 4 mg/kg	
Solventnaphta 170 (64742-95-6)		
LD50 oral rat	3592 mg/kg	
LD50 dermal rabbit	> 3160 mg/kg	
ATE (oral)	3592,000 mg/kg bodyweight	
SILICA (7631-86-9)		
LD50 oral rat	> 5110 mg/kg	

20-02-2014 EN (English) 5/9

Item Numbers: 02017-1255, 02017-1351 Page 5 of 9

according to Regulation (EC) No. 1907/2006 (REACH)

SILICA (7631-86-9)	
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,139 mg/l/4h
ATE (dust,mist)	0,139 mg/l/4h
Skin corrosion/irritation	: Not classified

Repeated exposure may cause skin dryness or cracking

Serious eye damage/irritation : Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Based on available data, the classification criteria are not met

: Not classified Reproductive toxicity

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (repeated

exposure)

Based on available data, the classification criteria are not met

: May be fatal if swallowed and enters airways. Aspiration hazard

Potential Adverse human health effects and

symptoms

: Harmful if inhaled.

: Not classified

Other information

: Risk of aspiration pneumonia.

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

NOEC chronic fish

: Toxic to aquatic life with long lasting effects. Ecology - water

Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	
EC50 Daphnia 1	7,8 g/l
EC50 other aquatic organisms 1	3,59 g/l
Coherenteenhaa 470 (C4740 0F C)	

Solventnaphta 170 (64742-95-6)		
LC50 fishes 1	9,2 mg/l	
EC50 Daphnia 1	3,2 mg/l	
ErC50 (algae)	2,6 - 2,9 mg/l	

SILICA (7631-86-9)	
LC50 fishes 1	> 10000 mg/l
EC50 Daphnia 1	> 1000 mg/l
ErC50 (algae)	>= 10000 mg/l

1,23 mg/l

reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)	
LC50 fishes 1	2,8 mg/l
EC50 Daphnia 1	4 mg/l
ErC50 (algae)	> 9 mg/l

#### 12.2. Persistence and degradability

UV resistant varnish matt	
Persistence and degradability	May cause long-term adverse effects in the environment.

#### 12.3. **Bioaccumulative potential**

UV resistant varnish matt	
Bioaccumulative potential	Not established.

#### Mobility in soil

No additional information available

#### Results of PBT and vPvB assessment

No additional information available

20-02-2014 EN (English) 6/9

Page 6 of 9 Item Numbers: 02017-1255, 02017-1351

according to Regulation (EC) No. 1907/2006 (REACH)

#### 12.6. Other adverse effects

: Avoid release to the environment

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of

contents/container to ..

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

## **SECTION 14: Transport information**

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

14.1. UN number

UN-No (ADR) : 1263 UN-No.(IATA) : 1263 UN-No. (IMDG) : 1263 UN-No.(ADN) : 1263

14.2. UN proper shipping name

Proper Shipping Name : PAINT / PAINT RELATED MATERIAL

Transport document description : UN 1263 PAINT / PAINT RELATED MATERIAL, 3, III, (D/E)

14.3. Transport hazard class(es)

 Class (UN)
 : 3

 Classification code (UN)
 : F1

 Class (IATA)
 : 3

 Class (IMDG)
 : 3

 Class (ADN)
 : 3

 Hazard labels (UN)
 : 3



14.4. Packing group

Packing group (UN) : III

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes



Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 30 Classification code (UN) : F1

Orange plates :

30 1263

Special provision (ADR) : 163, 650, 640E

Transport category (ADR) : 3
Tunnel restriction code : D/E
Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
EAC code : •3YE

20-02-2014 EN (English) 7/9

Item Numbers: 02017-1255, 02017-1351 Page 7 of 9

according to Regulation (EC) No. 1907/2006 (REACH)

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

#### 14.6.4. Inland waterway transport

No additional information available

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

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

No REACH Annex XVII restrictions Contains no REACH candidate substance

Seveso Information

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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

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 mixturejs, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Abbreviations and acronyms

: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road). ATE: Acute Toxicity Estimated. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling and Packaging. CMR: Carcinogeen, Mutageen, Reprotoxisch. CSA: Chemical Safety Assessment. CSR: Chemical Safety Report. DNEL: Derived No Effect Level (for human). EC50: Median Effective Concentration (required to induce a 50% effect). EINECS: European Inventory of Existing Commercial Chemical Substances. GHS: Globally Harmonized System of Classification and Labelling of Chemicals. IATA: International Air Transport Association. IMDG: International Maritime Code for Dangerous Goods. LC50: Lethal concentration, 50 percent. LD50: Lethal dose, 50 percent. PBT: Persistent, Bio accumulating and Toxic. PNEC: Predicted No Effect Concentration (for environment). REACH: Registration, Evaluation and Authorisation of Chemical substances. RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail). SVHC: Substances of Very High Concern. VPVB: very Persistent, very Bio accumulating.

Other information

REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of R-, H- and EUH-phrases::

r un toxt of region and 2011 princeoon	
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2

20-02-2014 EN (English) 8/9

Item Numbers: 02017-1255, 02017-1351 Page 8 of 9

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Flam. Liq. 3  Skin Sens. 1  Sensitisation — Skin, category 1  STOT SE 1  Specific target organ toxicity — single exposure, Category 1  STOT SE 3  Specific target organ toxicity — Single exposure, Category 3, Narcosis  STOT SE 3  Specific target organ toxicity — Single exposure, Category 3, Narcosis  STOT SE 3  Specific target organ toxicity — Single exposure, Category 3, Respiratory track Highly flammable liquid and vapour  H226  Flammable liquid and vapour  H301  Toxic if swallowed  H304  May be fatal if swallowed and enters airways  H311  Toxic in contact with skin  H317  May cause an allergic skin reaction  H330  Fatal if inhaled  H331  Toxic if inhaled  H332  Harmful if inhaled  H335  May cause respiratory irritation  H336  May cause drowsiness or dizziness  H370  Causes damage to organs  H411  Toxic to aquatic life with long lasting effects  Flammable	
STOT SE 1 Specific target organ toxicity — single exposure, Category 1 STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory transport of the target organ toxicity — Single exposure, Category 3, Respiratory transport of target organ toxicity — Single exposure, Category 3, Respiratory transport of target organ toxicity — Single exposure, Category 3, Respiratory transport of target organ toxicity — Single exposure, Category 3, Narcosis STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosian Category 4, 1000 Specific target organ toxicity — Single exposure, Category 3, Narcosian Category 4, 1000 Specific target organ toxicity — Single exposure, Category 3, Narcosian Category 4, 1000 Specific targ	
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory transport of the specific target organ toxicity — Single exposure, Category 3, Respiratory transport of the specific target organ toxicity — Single exposure, Category 3, Respiratory transport of the specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organs toxicity — Single exposure, Category 3, Narcosis Specific target organs Hatten be positive — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Respiratory transpore Hatten Davis Mesposure Category 4, Respiratory transpore Hatten Davis Mesposure Category 3, Narcosis Specific target organ toxicity — Single exposure, Category 3, Respiratory transpore Hatten Davis Mesposure Category 4, Respiratory transpore Hatten Davis Mesposure Category 4, Respiratory transpore Hatten Davis Mesposure Category 4, Respiratory 4, Re	
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory trail H225 Highly flammable liquid and vapour H226 Flammable liquid and vapour H301 Toxic if swallowed H304 May be fatal if swallowed and enters airways H311 Toxic in contact with skin H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H225 Highly flammable liquid and vapour H226 Flammable liquid and vapour H301 Toxic if swallowed H304 May be fatal if swallowed and enters airways H311 Toxic in contact with skin H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H226 Flammable liquid and vapour H301 Toxic if swallowed H304 May be fatal if swallowed and enters airways H311 Toxic in contact with skin H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	ct irritation
H301 Toxic if swallowed H304 May be fatal if swallowed and enters airways H311 Toxic in contact with skin H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H304 May be fatal if swallowed and enters airways H311 Toxic in contact with skin H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H311 Toxic in contact with skin H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H317 May cause an allergic skin reaction H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H330 Fatal if inhaled H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H331 Toxic if inhaled H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H332 Harmful if inhaled H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H335 May cause respiratory irritation H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H336 May cause drowsiness or dizziness H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H370 Causes damage to organs H411 Toxic to aquatic life with long lasting effects R10 Flammable	
H411 Toxic to aquatic life with long lasting effects R10 Flammable	
R10 Flammable	
DAA IPSII George II	
R11 Highly flammable	
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed	
R37 Irritating to respiratory system	
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact swallowed	ct with skin and if
R43 May cause sensitisation by skin contact	
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic	atic environment
R65 Harmful: may cause lung damage if swallowed	
R66 Repeated exposure may cause skin dryness or cracking	
R67 Vapours may cause drowsiness and dizziness	
F Highly flammable	
N Dangerous for the environment	
T Toxic	
Xi Irritant	
Xn Harmful	

## 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

20-02-2014 EN (English) 9/9

Page 9 of 9 Item Numbers: 02017-1255, 02017-1351