



SLOW DRYING THINNER_PU THINNER EXTRA SLOW

Safety Data Sheet

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

Date of issue: 5/20/2015

Revision date: 11/30/2018

Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Product name : SLOW DRYING THINNER_PU THINNER EXTRA SLOW
Product group : Raw material

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Use of the substance/mixture : Solvent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Libert Paints nv.
Langerbruggekaai 6
9000 Gent - BELGIUM
T 00 32 9 216 88 70 - F 00 32 9 226 61 81
MSDS@Libertpaints.com

1.4. Emergency telephone number

Emergency number : 070/245.245 (B)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Carcinogenicity, Category 2 H351
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07



GHS08



GHS09

Signal word (CLP) : Danger
Hazardous ingredients : Hydrocarbons, C10, aromatics, > 1% naphthalene
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.
H336 - May cause drowsiness or dizziness.
H351 - Suspected of causing cancer.
H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing fumes/dust.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves. Contact your supplier to choose the most suitable protective gloves.
P308+P313 - IF exposed or concerned: Get medical advice/attention.

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EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No additional information available

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]
Hydrocarbons, C10, aromatics, > 1% naphthalene	(CAS-No.) --- (EC-No.) 919-284-0 (REACH-no) 01-2119463588-24	100	Carc. 2, H351 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Take off immediately all contaminated clothing. Wash with plenty of water/.... Get medical advice/attention.

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. Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Get medical advice/attention. Do NOT induce vomiting. Call a physician.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

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 : Dry powder. Water spray. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers.

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

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spills and put it into appropriated container.

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6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid unnecessary exposure. Immediately remove product. Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. No open flames. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a well-ventilated place. When not in use, keep the container closed. Keep only in the original container in a cool, well ventilated place. Keep in fireproof place.

Incompatible materials : Heat sources. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

SLOW DRYING THINNER_PU THINNER EXTRA SLOW		
EU	IOELV TWA (mg/m ³)	50 mg/m ³
EU	IOELV TWA (ppm)	10 ppm
Hydrocarbons, C10, aromatics, > 1% naphthalene (---)		
Belgium	Short time value (mg/m ³)	100 mg/m ³

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DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	12.5 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	151 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	7.5 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	32 mg/m³	
Long-term - systemic effects, dermal	7.5 mg/kg bodyweight/day	

8.2. Exposure controls

Personal protective equipment:

Not required for normal conditions of use. Safety glasses. Gloves. Insufficient ventilation: wear respiratory protection.

Hand protection:

In case of repeated or prolonged contact wear gloves. Wear protective gloves. Contact your supplier to choose the most suitable protective gloves.

Eye protection:

Safety glasses

Respiratory protection:

Wear appropriate mask



Environmental exposure controls:

Do not allow into drains or water courses. Notify authorities if product enters sewers or public waters.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Molecular mass : 133 g/mol

Colour : Colourless.

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Odour	: strong.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: ≥ 0.05
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 160 - 230 °C
Flash point	: > 62 °C
Auto-ignition temperature	: > 400 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 1 kPa @ 25°C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 800 - 1000 kg/m ³
Solubility	: Water: 0 %
Log Pow	: No data available
Viscosity, kinematic	: 0.8 cSt @ 20°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 0.6 - 7 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7). In use may form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

SLOW DRYING THINNER_PU THINNER EXTRA SLOW	
LD50 oral rat	> 5000 mg/kg
LD50 oral	> 622 mg/kg (naphthalene)
LD50 dermal rabbit	> 2000 mg/kg
LD50 dermal	> 2500 mg/kg (naphthalene)
LC50 inhalation rat (mg/l)	> 4688 mg/m ³
LC50 inhalation rat (ppm)	0.4 mg/l/4h (naphthalene)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified

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Carcinogenicity	: May have carcinogenic effect.
Reproductive toxicity	: Not classified
STOT-single exposure	: In low concentrations may cause narcotic effects. Symptoms may include dizziness, headache, nausea and loss of co-ordination.
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

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Viscosity, kinematic	0.8 mm ² /s @ 20°C
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SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

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LC50 fish 1	>= 2 - 5 mg/l 96u
LC50 other aquatic organisms 1	11 mg/l 72u (algae)
EC50 Daphnia 1	>= 3 - 10 mg/l 48u

12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information	: Avoid release to the environment.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose of contents/container to a special collecting point in accordance with local legislation.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR)	: 3082
UN-No. (IMDG)	: 3082
UN-No. (IATA)	: 3082
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: 3082

14.2. UN proper shipping name



Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E)
Transport document description (IMDG)	: UN 3082 , 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 , 9
Transport document description (RID)	: UN 3082 , 9

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14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	: 9
Danger labels (ADR)	: 9
	: 
IMDG	
Transport hazard class(es) (IMDG)	: 9
	: 
IATA	
Transport hazard class(es) (IATA)	: 9
	: 
ADN	
Transport hazard class(es) (ADN)	: Not applicable
	: 
RID	
Transport hazard class(es) (RID)	: 9
Danger labels (RID)	: 9
	: 

14.4. Packing group

Packing group (ADR)	: III
Packing group (IMDG)	: III
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

14.5. Environmental hazards

Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available

14.6. Special precautions for user

- Overland transport	
Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 601

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Limited quantities (ADR) : 5l
Excepted quantities (ADR) : E1
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : E

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Hydrocarbons, C10, aromatics, > 1% naphthalene
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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

Other information : None.

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Carc. 2	H351
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STOT SE 3	H336	
Asp. Tox. 1	H304	
Aquatic Chronic 2	H411	

SDS EU (REACH Annex II)

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