

# SAFETY DATA SHEET

Issue date: 26 March 2015 Supersedes: 21 Sep. 2012

Section 1: I dentification of the substance/mixture and of the company/undertaking

1.1 Product identifier	Linseed Oil Paint
1.2 Relevant identified uses of	For outdoor and indoor painting. For painting on wood,
the substance or mixture and	concrete, wallpaper and other materials.
uses advised against	Sector Use - SU:
	SU19 Building and construction work
	SU20 Health services
	SU21 Private households (= general public = consumers)
	SU22 Professional uses: Public domain
	Chemical Product Category: PC9a Coatings and paints
	Process categories [PROC]: PROC10 Roller application
	or brushing
	Environmental Release Categories:
	ERC 8C Wide dispersive indoor use resulting in inclusion
	into or onto a matrix (paint)
	ERC 8F Wide dispersive outdoor use resulting in inclusion
	into or onto a matrix (paint)
1.3 Details of the supplier of the	
safety data sheet	
Supplier/Importer EU	Allbäck Linoljeprodukter AB
Address	Östra Balkåkravägen 18
	SE-271 91 Ystad
	Sweden
Telephone number	+46-411-602 02
Contact person	Sonja Allbäck
e-post	allback@allbackpaint.com
1.4 Emergency telephone	24 hours service is available at www.nhs.uk
number	Call 112 or 999 if an acute emergency. If less acute call
	111.
MSDS issued by	Ann Martens, Ramböll Sverige AB, +46 (0)10-615 54 47

# Section 2: Hazards identification

2.1 Classification of the substance or mixture Not classified as hazardous for health or environment.

### 2.2 Label elements

No hazard label required.

Other label required according to DSD

Interior/exterior trim and cladding paints for wood and metal , category d, VOC < 38 g/l. Limit 300 g/l Phase II, from 2010.

EUH210 — 'Safety data sheet available on request'.



#### 2.3 Other hazards

Risk for spontaneous combustion if the linseed oil is absorbed by porous organic material (cotton waste or rag). This oxidation, which give rise to heat can happen even at room temperature, but raised temperature increases the risk.

# Section 3: Composition/information on ingredients

EC-no	CAS-no	Name of	Conc.	Classi-	Com
		component	wt/wt	fication	
232-278-6	8001-26-1	Linseed oil	100 %	-	-
240-085-3	15956-58-8	2-Ethylhexanoic acid, manganese salt	0,07 mg/litre paint	CLP: Eye Irrit. 2 H319, Repr. 2 H361 (Oral) (H361d), STOT RE 2 H373 (neurologiska effekter.) (Inhalation) H373 Aquatic Chronic 2 H411 DSD: Xi; R36 - Xn; R48/20/22 -R63 - N; R51/53	
236-675-5	13463-67-7 REACH-reg nr. 01- 2119489379- 17-0021 och 01- 2119489379- 17-0022	Titanium dioxide	0-30 %. Varies with the colour. See below.		WEL
215-279-6	1317-65-3	Chalk (Calcium carbonate)	15-30 % Varies with the colour		WEL
		Different colours			
236-675-5	13463-67-7	White Titanium dioxide (no extra pigment)	27-30 % < 1% Iron oxide		WEL
236-675-5	13463-67-7	Old White Titanium dioxide Iron oxide	27-30 % < 1% Iron oxide		WEL
236-675-5	13463-67-7	Vintage Titanium dioxide	25-30 %		WEL

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		CANIC LINSEED BY		
		Iron oxide	< 1 % Iron oxide	
236-675-5	13463-67-7	Sea Mist Titanium dioxide Iron oxide	25-30 % < 1 % Iron oxide	WEL
236-675-5	13463-67-7 20344-49-4 1317-61-9	Parchment Titanium dioxide Iron oxide (FeOOH) Iron oxide (Fe3O4)	25-30 % < 1 % Iron oxide	WEL
236-675-5	13463-67-7	Custard Titanium dioxide Iron oxide (FeOOH)		WEL
236-675-5	13463-67-7	Barley White Titanium dioxide Iron oxide	25-30 % < 1 % Iron oxide	WEL
236-675-5 243-746-4	13463-67-7 20344-49-4	Buttermilk Titanium dioxide Iron oxide (FeOOH)	25-30 % 1-3 % Iron oxide	WEL
236-675-5 215-277-5 215-277-5	13463-67-7 1317-61-9 1308-38-9 REACH-nr 01- 2119433951- 39	Oyster Green Titanium dioxide Iron oxide (Fe3O4) Chrome (III) oxide	25-30 % 1% Iron oxide 1 % Chromium oxide	WEL
236-675-5 215-168-2 215-277-5	13463-67-7 1309-37-1 1317-61-9	Houghton Brown Titanium dioxide Iron oxide (Fe2O3) Iron oxide (Fe3O4)	1-4% 5-12 % Iron oxide 15-25 % Iron oxide	WEL WEL
236-675-5 243-746-4 215-277-5	13463-67-7 20344-49-4 1317-61-9	Silver Grey Titanium dioxide Iron oxide (FeOOH) Iron oxide (Fe3O4)	25-30 % 1 % Iron oxide 1 % Iron oxide	WEL
243-746-4	20344-49-4	Old Gold Iron oxide (FeOOH)	18-25 % Iron oxide	
215-277-5 215-160-9	1317-61-9 1308-38-9 REACH-no 01- 2119433951- 39	Sprauce Green Iron oxide (FeOOH) Chromium (III) oxide	15-20 % Iron oxide	WEL
215-160-9	1308-38-9	Chrome Oxide Green		

	39		oxide	
		Lichen	20-25 %	
236-675-5	13463-67-7	Titanium dioxide	Titanium	WEL
243-746-4	20344-49-4	Iron oxide (Fe OOH)	dioxide	
		Iron oxide (Fe3O4)	1-3 & Iron	
215-277-5	1317-61-9	Chromium (III) oxide	oxide	
			(Fe00H)	
215-160-9	1308-38-9		1-4 & Iron	
	REACH-no 01-		oxide	
	2119433951-		(Fe3O4)	WEL
	39		5-8 %	VV
			Chromium	
			(III) oxide	
		Ultramarine Blue	(III) Oxide	
309-928-3	101357-30-6	Silicic acid, aluminum	20.25.0/	
307 720 3	101337 30 0	sodium salt,	20-25 % Ultra	
		sulfurized		
		3411411234	marine blue	
		Linseed Blue		
247-304-1	25869-00-5	Titanium dioxide	15-20 %	WEL
309-928-3	101357-30-	Silicic acid, aluminum	Titanium	
	61308-38-9	sodium salt,	dioxide	
	1308-38-9	sulfurized	7 %	
	REACH-no 01-		Ultramarine	WEL
	2119433951-		blue	
	39	Chromium oxide	3 %	
215-160-9	1308-38-9		Chromium oxide	
		Midnight Blue	Oxide	
309-928-3	101357-30-6	Silicic acid, aluminum	17-20 %	
		sodium salt,	Ultramarine	
		sulfurized	blue	
243-746-4	20344-49-4	Iron oxide (FeOOH)	1 % iron	
215-277-5	1317-61-9	Iron oxide (Fe3O4)	oxide	
			1-2 % Iron	
			oxide	
000 000	1010== 5= :	Old Blue	44.00	
309-928-3	101357-30-6	Silicic acid, aluminum	11-14 %	
		sodium salt,	Ultramarine	
242.744.4	20244 40 4	sulfurized	blue < 1 % iron	
243-746-4	20344-49-4	Iron oxide (FeOOH)	oxide	
215-277-5	1317-61-9	Iron oxide (Fe3O4)	1-2 % Iron	
			oxide	
		Ice Blue		
247-304-1	25869-00-5	Titanium dioxide	15-29 %	
309-928-3	101357-30-6	Silicic acid, aluminum	Titanium	
		sodium salt,	dioxid	
	1317-61-9	sulfurized	17-20 %	
		Iron oxide (Fe3O4)	Ultramarine	

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Chromium (III) oxide

25 %

Chromium

WEL

REACH-no 01-

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215-277-5			blue < 1 % iron	
			oxide	
215-277-5 215-160-9	1317-61-9 1308-38-9 REACH-nr 01- 2119433951- 39	Holkham green Iron oxide (Fe3O4) Chromium (III) oxide	10-15 % iron oxide 20-30 % Chromium oxide	WEL
215-168-2	1309-37-1	Iron primer Iron oxide (Fe2O3)	35-45 % Iron oxide	WEL
215-168-2	1309-37-1	Brick red Iron oxide (Fe2O3)	30-35 % Iron oxide	WEL
215-168-2 215-277-5 309-928-3	1309-37-1 1317-61-9 101357-30-6	Old red Iron oxide (Fe2O3) Iron oxide (Fe3O4) Silicic acid, aluminum sodium salt, sulfurized	20-24 % Iron oxide 7-10 % Iron oxide 1-2 % Ultramarin blue	WEL
215-168-2 215-277-5	1309-37-1 1317-61-9	Chocolate Iron oxide (Fe2O3) Iron oxide (Fe3O4) (Mixture of these iron oxides, the supplier does not give the exact content)	30-40 % Iron oxides	WEL
242.747.4	20244 40 4	Verona brown Iron oxide (Fe2O3) Iron oxide (Fe3O4) (Mixture of these iron oxides, the supplier does not give the exact content) Antique Gold	30-40 % Iron oxides	
215-277-5	1317-61-9	Iron oxide (FeOOH)  Black Iron oxide (Fe3O4)	40-45 % Iron	
236-675-5 215-168-2 243-746-4 215-277-5	13463-67-7 1309-37-1 20344-49-4 1317-61-9	Old rose Titanium dioxide Iron oxide (Fe 2O3) Iron oxide (FeOOH) Iron oxide (Fe3O4)	oxide  10 % TiO2 10-14 % 1 % 1%	WEL WEL

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		Green Umber		
243-746-4	20344-49-4	Iron oxide (FeOOH)	17-20 %	
215-277-5	1317-61-9	Iron oxide (Fe3O4)	(FeOOH)	
			10-13 %	
			(Fe3O4)	
		Graphite Grey		
236-675-5	13463-67-7	Titanium dioxide	5 % Titanium	WEL
215-168-2	1309-37-1	Iron oxide (Fe 2O3)	dioxide	WEL
215-277-5	1317-61-9	Iron oxide (Fe3O4)	25-35 % Iron	
		(The supplier does	oxides	
		not give the exact		
		content)		
		Other colours are		
		mixtures of the above		
		colours		

#### Explanation of abbreviations:

CAS-nr. = Chemical Abstracts Service; EU-nr (Einecs- or Elincsnumber) = European Inventory of Existing Commercial Chemical Substances or European L1st of Notified Chemical Substances, DSD = Dangerous Substance Directive. CLP = Regulation Classification and Labelling of Packages.

Content specified as; %, %wt/wt, %vol/wt, %vol/vol, mg/m³, ppb, ppm, wt%, vol%.

WEL = The product have a workplace exposure limit, PBT = The product is declared since it 's a PBT- or a vPvB-substance.

#### Comments:

Linseed oil contains mainly natural triglycerides from oleic, linoleic, palmitic acid, linolenic acid and stearic acid. CAS 8554-56-3 is also possible for the product. The product contains 0.01-0.1 % quartz that is naturally present in chalk. The amount of respirable quartz is very low. Ultramarine blue is a synesthetic variant of the natural pigment Lapis lazuli.

For risk phrases in plain text, see section 16.

### Section 4: First aid measures

Not relevant, except when spraying the product. If
irritation occurs, move to fresh air and rest.
Wash the skin with water and linseed soap.
Remove contact lenses. Rinse the eyes for a couple of
minutes. If symptoms persist, seek a physician.
Drink copious amounts of milk. The product is a laxative
in large amounts, but no risk for intoxication.
May cause some transient irritation to the respiratory
tract.
Has no effect on skin.
Provides transient mild irritation.
Laxative.
Access to water for rinsing eyes at the working place.



# Section 5: Firefighting measures

5.1 Extinguishing media	
a. Recommended Extinguishing	a. Extinguish e.g. with foam, carbon dioxide, powder or
media	water spray depending on what is burning
b. Not Recommended Extinguishing	b. Foam containing substances that are harmful for the
media	environment, i.e. Perfluoro octane sulfonate (PFOS) and
	Nonyl ethoxylate
5.2 Special hazards arising from	Can self-ignite at 343 °C. Can oxidize in rags and other
the substance or mixture	porous material and cause increased heating of the
	material until it ignites.
5.3 Advise for firefighters	Avoid inhaling of smoke fumes. Wear self-contained
	breathing apparatus for fire fighting if necessary. Cool fire
	exposed surfaces.

# Section 6: Accidental release measures

6.1 Personal precautions,	
protective equipment and	
emergency procedures	
6.1.1. For non-emergency personnel	Wash skin or contaminated clothes with water.
6.1.2 For emergency responders	Wash with water.
6.2 Environment precautions	Prevent discharge to the sewage system.
6.3 Methods and material for	Make embankments with sand or other inert absorbent
containment and cleaning up	and collect. Small amounts can be washed away with
6.3.1. Surrounding embankment	water. The product is easily biodegradable in nature.
/sealing	
6.3.2 Recommended cleaning up	
measures	
6.3.3 Non-recommended measures	
6.4 Reference to other sections	For personal protection see section 8. For disposal of
	waste, see section 13.

# Section 7: Handling and storage

7.1 Precaution for safe handling	Avoid spills and prevent large quantities of the product to reach sewage system or surface water. Avoid eating, drinking and smoking in the working area. Wash hands after using the product. Remove contaminated clothing before meals are taken
7.2 Condition for safe storage,	Store out of reach of children and away from food.
including any incompatibilities	
7.3 Specific end use(s)	No specific end uses.

### Section 8: Exposure controls/personal protection

### 8.1 Control parameters

National occupational exposure limits values, EH 40, 2005 with updates



CAS-nr	Substance name	WEL	WEL	WEL
		8 h	5 min	15 min
1309-37-1	Iron oxide fume (as Fe)	5 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>
13463-67-7	Titanium dioxide			
	total inhalable	10 mg/m <sup>3</sup>		
	respirable	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>		
1317-65-3	Calcium carbonate			
	inhalable dust	10 mg/m <sup>3</sup>		
	respirable dust	4 mg/m <sup>3</sup>		
	Chromium (III) compounds (as Cr)	0.5 mg/m <sup>3</sup>		

WEL=Workplace Exposure Limit

PNEC and DNEL/DMEL not established for linseed oil. Values below from REACH registration of titanium dioxide.

CAS-no	Substance	PNEC	DN(M)EL	Expo-
		(type of	(route of exposure)	sure
		environment)		scen-
				ario
				annex
13463-67-7	Titanium	PNEC (aqua	Workers	Saknas
	dioxid	freshwater)	Longtime exposure local	
		0,127 mg/L	effect	
			DNEL Inhalation	
		PNEC (aqua marine water)	10 mg/m <sup>3</sup>	
		1 mg/L	Consumers	
		DNIEG	Longtime exposure systemic	
		PNEC aqua (intermittent	effect	
		releases)		
		0,61 mg/L	Oral DNEL	
		0,01 mg/L	700 mg/kg bodyweight/day	
		PNEC STP		
		100 mg/L	For other DNEL/DMEL data is	
		3	missing	
		PNEC sediment	G	
		(fresh water)		
		1000 mg/kg		
		Sediment dw		
		PNEC sediment		
		(marine water)		
		100 mg/kg		
		sediment Dd		
		PNEC soil		
		100 mg/kg dw		
			<u> </u>	



Biological limit values	None
Recommended surveillance	None
procedure	

8.2 Exposure controls

6.2 Exposure controls	
8.2.1 Recommended technical	None
control measures	
8.2.2 Individual protection	
measures, e.g. personal	
protection equipment	
Eye/face protection	None. When spraying the product, use safety goggles.
Skin protection	i) At prolonged contact with the product use
i) Hand protection (material,	gloves e.g. PVC, nitrile or butyl. Always use
thickness, breakthrough time)	gloves when painting with colour containing
ii) Other protection	chromium. Breakthrough is not known, but
	probably > 8 hrs.
	ii) Normal working clothes. No special protection
Respiratory protection	If spraying the product and a hazard to surpass any
	occupational exposure value use a half mask with particle
	filter P2.
8.2.3 Environmental exposure	Avoid large leakage to surface water or sewage system
control	

# Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance/Form /State	Liquid
Odour	Characteristic linseed oil.
Melting point/freezing point	Appr19 ℃
Initial boiling point and boiling	Appr. 316 ℃
range	
Flash point	216 ℃
Evaporation rate	Not determined
Self ignite temperature	343 ℃
Upper/lower flammability or	Not determined
explosive limits	
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	1.3-1.7 kg/l (depending on colour)
Solubility	Linseed oil will only emulsify in water. Low water
	solubility <1 g/l. The product is partly soluble in several
	solvents, but it is not recommended to mix with organic
	solvents.
Partition coefficient n-	Not determined
octanol/water	
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	None



Ох	kidizing properties	None	
VC	OC content	< 18 g/l	

#### 9.2 Other information

Emission Factor, Volatile organic	64 μg/(m <sup>2</sup> xh) after 4 hours? drying time of linseed oil
compounds, TVOC	paint (white paint), 18 µg/(m²xh) after 26 week drying
	time.

### Section 10: Stability and reactivity

10.1 Reactivity	The product is not reactive during normal handling and
	storage conditions.
10.2 Chemical stability	Stable at normal storing conditions
10.3 Possibility of hazardous	None
reactions	
10.4 Conditions to avoid	Do not store above normal room temperature.
10.5 Incompatible materials	Strong acids, bases and oxidizing agents.
10.6 Hazardous decomposition	None except for colours containing ultramarine pigment.
products	This pigment can emit hydrogen sulphide in contact with
	acids. Chrome (III) oxide can transform to chrome (VI)
	when heated. Chrome (VI) is a strong sensitizer and
	carcinogenic.

### Section 11: Toxicological information

#### Substances

11.1 Information on toxicological effects

a) Acute toxicity

Short term exposure

Linseed oil LD50, rat > 15000 mg/kg body weight.

Ingestion: The product is probably a mild laxative and ingestion of small amounts will not give any symptoms.

Inhalation: LC50 /4h) > 20 mg/l (IMO). Inhalation is only a risk when spraying the product. The product could in this case cause minor irritation to respiratory tracts and ethanol in the product can affect the central nervous system.

Eye contact: Could cause mild transient irritation if contact with the eyes

Skin contact: Gives no effect on the skin.

Long term exposure:

Ingestion: No data, but the product is probably laxative.

Inhalation: Only a risk when spraying the product. The product could in this case cause minor irritation to respiratory tracts and ethanol in the product can affect the central nervous system. The product consumes oxygen when drying and if insufficient ventilation this could cause a headache.

Eye contact: Repeated exposure may cause irritation to the eyes, but will probably not give any remaining effect on the eye.

Skin contact: Repeated contact might dry the skin and cause irritation or atopic eczema, but during normal use the risk is low.

- b) Skin corrosion/irritation: The product i not corrosive to the skin.
- c) Serious eye damage/irritation:

The product will not give serious eye damage or eye irritation.



- d) Respiratory or skin sensitisation: The product is not sensitizing. There is no known sensitizing effect of linseed oil, but no data is found.
- e) Germ cell mutagenicity: No known effects.
- f) Carcinogenicity: No known effects.
- g) Reproductive toxicity: No known effects.
- h) STOT-single exposure No known effects.
- i) STOT-repeated exposures No known effects.
- j) Aspiration hazard No known effects.
- k) Other information -

### Section 12: Ecological information

#### 12.1 Toxicity

Acute toxicity:

Linseed oil has low toxicity for aquatic organisms. LC50 > 1000 mg/L (DHI report)

Long term toxicity: The product will probably not have any adverse long term effect for the aquatic environment, but data is lacking.

Terrestrial organisms: The product is probably not harmful for terrestrial organism, but data is lacking.

Plants: The product is probably relative harmless for plants, but data is lacking.

Effects on micro-organisms living in wastewater treatment plants

The product has no known effect on microorganism living in wastewater treatment plants.

#### 12.2 Persistence and degradability

The product is easily degradable (DHI report).

### 12.3 Bioaccumulative potential

The product will not bioaccumulate. BCF < 10 (DHI report).

#### 12.4 Mobility in soil

The product is water soluble but easily degradable and thus the mobility in soil will not be so high.

#### 12.5 Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substance.

#### 12.6 Other adverse effects

None known.

### Section 13: Disposal consideration

13.1 Waste treatment methods	a) Emptied plastic package are sorted as hard plastic.
	The packaging material consists of polypropylene.
	The product can be incinerated in a suitable
	incineration plant holding a permit delivered by the
	competent authorities. Empty dry metal canes can be
	stored as metal.
	b) There are no physical/chemical properties that may
	affect the waste treatment solutions.
	c) Larger residues should not be released to the
	sewage system. No special security measures
	concerning waste treatment methods are needed.

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Waste codes (EWC)	Depends where the waste is produced, but suitable
	codes are 02 03 03, 20 01 28 or 08 01 14
The product is classified as	No.
hazardous waste	
Waste codes (EWC) for the	Suitable codes for the packages are 15 01 04, 15 01
container	07, 20 01 40 or 20 01 02.
A not thoroughly cleaned container	No
is considered dangerous waste	
Other information	See section 8 for personal protection equipment.

### Section 14: Transport information

General	Not classified as hazardous goods
14.1 UN number	-
14.2 UN Proper Shipping Name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazards	-
14.6 Special precautions for users	-
14.7 Transport in bulk according to	The product is not transported in bulk, but if it will
Annex II of MARPOL 73/78 and the	happen in the future this product is listed in Annex II
IBC code	of the Marpol convention.
	Vegetable oils floating on water is also listed as IMO
	category 2. Vegetable oils pollution category Y, ship
	type 2.

## Section 15: Regulatory information

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

No relevant.

15.2 Chemical safety assessment

Chemical safety assessment is not made for linseed oil as it is exempted from registration according to REACH.

### Section 16: Other information

This MSDS is changed in the following sections: Section 3: New classification for the manganese salt. New EUH statement in the labelling. Changed labelling according to VOC-directive. Section 11 and 12: More information about linseed oil.

Hazard and Precautionary statements from section 2 and 3 in plain text (CLP):

Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2

H319 Causes serious eye irritation.

Repr. 2 Reproductive toxicity, Hazard Category 2

H361d Suspected of damaging fertility or the unborn child (oral).

STOT RE 2 Specific target organ toxicity — Repeated exposure,

Hazard Category 2

H373 May cause damage to organs (neurological effects) through prolonged

or repeated exposure (Inhalation).





Aquatic Chronic 2 H411 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Toxic to aquatic life with long lasting effects.

Risk and Safety phrases from section 2 and 3 in plain text DSD 67/548/EEC:

Xi = Irritant

R36 Irritating to eyes.

Xn = Harmful

R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R63 Possible risk of harm to the unborn child.

N = Dangerous for the environment

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

VOC is determined according to ISO 11890-2. The volatile VOC will probably remain in the colour due to cross-binding reactions. This has been shown in emission measurements during painting with linseed oil paint.

#### Sources for data in this MSDS

- Prevent Database Chemical substances (http://kemi.prevent.se/)
- Toxnet, http://toxnet.nlm.nih.gov/
- ECHA, Guidance on information requirements and chemical safety assessment: Guidance
  on information requirements and chemical safety assessment Chapter R.12: Use descriptor
  system.
- ECHA data base registered substances. Titanium dioxide.
- IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 93 (2010) Carbon black, Titanium Dioxide and Talc. (452 p)
- European Commission DG Environment Report October 2008 from DHI. Review of Annex IV of Reg. 1907/2006 Contract No. 070307/2007/473055/MAR/D1 and appendix 2 Evaluation of existing entries, Linseed oil.
- IMO INTERNATIONAL MARITIME ORGANIZATION. BLG WORKING GROUP ON THE EVALUATION OF SAFETY AND POLLUTION HAZARDS OF CHEMICALS. 30 September 2005, Linseed oil (containing less than 4% free fatty acids). Submitted by the United Kingdom.

### Other information:

Linseed oil is exempted from registration according to REACH Annex V. See regulation EC 987/2008.

The safety data sheet is based on the REACH regulation EC 1907/2006 and the regulation EU 453/2010. Classification according to both the CLP regulation EC 1272/2008 and directives 67/548/EEC and 1999/45/EC. Names in section 3 are given either according to harmonised classified substances in Annex VI, CLP regulation EC/1272/2008, IUPAC name or other common used named chosen by the supplier. See article 18 in the CLP regulation.