

# SAFETY DATA SHEET

In accordance with the European Parliament and Council Regulation  
(EC) No. 1907/2006 (REACH)



Developed: 09.10.2006

Latest changes: 01.08.2013

Version 2

Name of the product: **Linseed oil color for wooden surfaces "NATŪRA"; Linseed oil paint NATURA**

## 1. IDENTIFICATION OF MIXTURE AND COMPANY

### 1.1. Product identification

**Name of the product** Linseed oil color for wooden surfaces "Natūra"; Linseed oil paint NATURA

**1.2. Types of using mixture and those not suggested for the usage** Color "Natūra" for coloring different types of wooden surfaces – buildings, wooden buildings, furniture and wooden floors.

**1.3. Information on safety data sheet supplier** **Producer:**  
Ltd "STAFOR"  
Kuldīgas street 53a,  
Riga, Latvia, LV-1046  
Ph./Fax: +371 67603399  
E-mail: info@stafor.lv

**1.4. Phone number for emergency situations** State Fire and Rescue Service: 112 (24h)  
State Toxicology Centre: (+371) 67042473 (24h)

## 2. DANGER IDENTIFICATION

### 2.1. Classification and label elements according to EC 1272/2008

Danger pictographs: -  
Signal word: -  
Contains: -  
Danger categories: -  
Symbols for safety requirements: -  
Symbols for safety requirements: -  
Additional labelling: P102-Keep out of reach of children.  
**2.2. Other threats** Mixture does not meet PBT or vPvB criteria

## 3. INFORMATION ON INGREDIENTS

Name of substance/ product	Concentration, %	Classification (1999/45/EC)	Classification (1272/2008/EC)	Labelling (1272/2008/ EC)
<b>Linseed oil</b> EINECS No: 232-278-6 CAS No: 8007-79-4	>50	Not classified	Not classified	N/A
<b>Calcium carbonate</b> EINECS No: 207-439-9 CAS No: 471-34-1	>40	Not classified	Not classified	N/A
<b>Mineral pigments</b> EINECS Nr: - CAS Nr: -	>19	Not classified	Not classified	N/A
<b>1-methyl-2-pyrrolidone</b>	<0,5	T	Eye irritation cat.2 (H319)	GHS07

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EINECS No: 212-828-1 CAS No: 872-50-4	R61 R36/37/38	Skin irritation cat. 2 (H315) Reprotoksitāte cat. 1B (H360D) STOT SE3 (H335)	GHS08 Dangerous
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## 4. FIRST AID MEASURES

### 4.1. Description of first-aid measures

- 4.1.1. General information: Every time when there is doubt or symptoms persist seek medical advice.
- 4.1.2. In case of product's contact with eyes: Immediately rinse eyes with running water. In 5 minutes remove contact lenses if possible and continue rinsing for 15 more minutes. In case irritation persists seek medical advice.
- 4.1.3. In case of product's contact with skin: Clean the material from skin, wash with water and soap, and 1% acetic acid or citric acid liquid. In case of permanent irritation seek medical advice. Take off the tarnished clothing and shoes. Clean the clothing and shoes before repeated use.
- 4.1.4. If product is swallowed: Seek medical advice and present the package or it's labelling. Do not induce vomiting.
- 4.1.5. If product is inhaled: Remove victim to fresh air. In case one still feels unwell, seek medical advice.

### 4.2. Key symptoms and effect – acute and delayed

No impact on health if used according to the proper usage types

### 4.3. Reference on emergency medical care and special care

- 4.3.1. First-aid means as a must at workplace: Water, soap.

## 5. FIRE FIGHTING MEASURES

### 5.1. Firefighting measures

Proper firefighting measures: Water fog or spray, CO<sub>2</sub>, foam, powdered firefighting measures. It's advisable to use alcohol resistant foam, synthetic or protein foam.

Improper firefighting measures: Do not use direct water spray

5.2. Special danger caused by the mixture: Burning products: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), soot, smoke.

5.3. Suggestions for firemen: Use insulating breathing apparatus with a positive pressure and complete protective clothing. When in contact with the product, use chemically resistant protective clothing with insulating breathing apparatus.

## 6. MEASURES IN OCCASIONAL LEAKAGE

### 6.1. Individual safety measures, protection means and procedures for emergency situations

6.1.1. For persons who are not instructed in emergency situations: 6.1.1. For persons who are not instructed in emergency situations

6.1.2. For those providing emergency aid: 6.1.2. For those providing emergency aid

### 6.2. Environment safety measures

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Product packaging excludes huge amount of product getting into environment.

### 6.3. Methods and materials of limitation and collection

In case of leakage eliminate nearby located sources of open flame and heat. Collect product's volumes mechanically. Absorb the rest with sands. Collect in proper, labelled containers. Clean the contaminated surface. See p.13 on waste disposal.

### 6.4. Reference on other divisions

When limiting a leakage, use individual protective means listed in p.8 and perform waste management according to p.13.

## 7. USAGE AND STORAGE

### 7.1. Precaution for safe usage

Carefully mix the color before usage. Poorly absorbing wood should be firstly processed with a fine sandpaper. Color should be applied with a soft brush, in a thick layer and the residue of the color should be removed from the surface in 2-4 hours with a rag. Time can vary depending on the wood type and desired tint. Coloration is recommended to make in 2-3 color layers. Every next layer should be applied after the previous layer has dried. No wood priming is necessary before coloring!

### 7.2. Circumstances for safe storage, including all types of incompatibility

Store in densely closed container in a dry, ventilated place. Keep out of sustained direct sunlight.

### 7.3. Specific final usage type

Specific usage types are listed in p. 1.2.

## 8. EFFECT MANAGEMENT/ INDIVIDUAL PROTECTION

### 8.1. Management parameters

Limiting values of occupational exposure (OELV)

Linseed oil fog: 3 mg/m<sup>3</sup>

Calcium carbonate: 6 mg/m<sup>3</sup>

1-methyl-2-pirolidons: 82 mg/m<sup>3</sup>

### 8.2. Effect management

#### 8.2.1. Proper technical management

In order for vapor concentration of the product in the air of working environment not to exceed limiting values of occupational exposure, effective local vent and general ventilation should be ensured.

#### 8.2.2. Such individual protection measures as individual protection means

##### Breathing protection

Not required

##### Hand protection:



Work with chemically resistant protective gloves that correspond to EN 374. Protective gloves ensure protection against chemical substances and microorganisms. For example, butyl rubber, EVAL, nitrile-butadiene rubber, neoprene, polyvinyl chloride gloves can be

used.

##### Eye protection:



Use chemically safe protection glasses, which correspond to EN 166 or analogous. Working place must be equipped with eyes rinsing devices.

##### Skin protection:



For professional use – chemical resistant work wear.

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8.2.3.Environmental risk management      Exclude a possibility for the product to get into environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>General information:</b>	
Aggregate state:	Viscous liquid, partly thixotrope
Color:	In color of used pigments.
Scent:	Specific of linseed oil
<b>The most essential information on health protection, safety and environment protection:</b>	
Product's pH:	No data
Boiling point:	No data
Ignition temperature:	No data
Combustibility:	No data
Ingredients that can explode:	No data
Oxidizing/reducing properties:	No data
Vapor pressure	No data
Relative density:	~ 1,1 g/cm <sup>3</sup>
Dissolution in water:	Insoluble
Dissolution:	No data
Water/n-octanol partition coefficient:	No data
Dynamic viscosity	No data
Viscosity	No data
Vapor density	No data
Vapor pressure	No data

### 9.2. Other information -

## 10. STABILITY AND REACTIVITY

10.1.Reactivity	N/A
10.2. Chemical stability	Stable when in normal usage and storage circumstances.
10.3. Probability of dangerous reactions	Stable when in normal usage and storage circumstances.
10.4. Circumstances to avoid	N/A
10.5. Incompatible materials	N/A
10.6. Bīstami noārdīšanās produkti	Product does not decompose under regular circumstances.

## 11. TOXICOLOGICAL INFORMATION

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Data on the product is not available. Product is classified using calculation method according to European Union Directive 1999/45/EC, 1272/2008EC See p.3 and p.15.

## 11.1. Information on toxicological effect

Acute toxicity	<u>Calcium carbonate</u>			
	LD50	rat	orally	6450 mg/kg
	<u>1-methyl-2-pyrrolidone</u>			
	LD50	rat	orally	>5000 mg/kg
Irritation and corrosivity:	According to 1272/2008EC not classified as sensitizing.			
	<b>Data on raw materials:</b>			
	<u>Calcium carbonate</u> – skin, rabbit – no irritation. Skin, rabbit – slight irritation.			
	<u>1- methyl-2-pyrrolidone</u> - skin, rabbit - no irritation. Eye, rabbit – eye irritation.			
Sensibility:	According to 1272/2008EC not classified as sensitizing.			
Toxicity for repeated dose	According to 1272/2008EC not classified as toxic after repeated effect.			
Carcinogenicity	According to 1272/2008EC not classified as carcinogenic.			
Mutagenicity	According to 1272/2008EC not classified as mutagenic.			
Toxicity for reproductive system	According to 1272/2008EC not classified as toxic for reproductive system.			

## 12. ECOLOGICAL INFORMATION

No data on the product are available. Product is classified using calculation method according to European Union Directive 1999/45/EC, 1272/2008EC.

12.1. Toxicity	No data
12.2. Stability and degradability	No data
12.3. Bioaccumulation potential	No data
12.4. Mobility in soil	No data
12.5. PBT	Does not meet the criteria
12.6. vPvB	Does not meet the criteria

## 13. CONSIDERATIONS RELATED TO MANAGEMENT

13.1. Waste treatment methods	
Product residues:	Use the whole product without any residues. Elimination must be performed according to the local existing legislation.
Packaging residues:	Fully emptied tare should be forwarded to recycling or utilization.

## 14. INFORMATION ON TRANSPORTING

14.1. ANO number	-
14.2. ANO dispatch name	-
14.3. Transporting danger class	-
14.4. Package group	-
14.5. Environmental risks	-

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- 14.6. Special precautionary measures for users See p. 7
- 14.7. Transporting without tare according to MARPOL 73/78 II Appendix and IBC code. Do not transport without a tare

## 15. INFORMATION ON REGULATION

- 15.1. Safety, health sector and environmental terms/ regulations with a special notice to substances and mixtures European Union Directive No.: 1907/2006/EC 67/548/EEC 1999/45/EC 1272/2008EC
- 15.2. Estimation of chemical safety N/A

## 16. OTHER INFORMATION

### 16.1. Product classification and label elements according to 67/548/EEC

- Symbol: -
- Danger class: -
- Contains: -
- Characterization of product's effect : -
- Symbols for safety requirements: S1/2- Keep locked up and out of the reach of children
- Additional labelling: -

### 16.2. Latest changes

Updated all information included in SDS in accordance with 1272/2008EC  
This version substitutes all previous versions.

- Full text for R-phrases and danger symbols listed in point 3 R36/37/38- Irritating to eyes, skin and respiratory system  
R61- May cause harm to the unborn child

- H315-Causes skin irritation.  
H319-Causes serious eye irritation.  
H335- May cause respiratory irritation.  
H360D- May damage fertility or the unborn child
- Full classification of that listed in point 3 T- toxic

Decoding of pictographs listed in point 3



GHS07



GHS 08

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Explanations:

**CAS No.** - Chemical Abstrat Service - registration No. Chemistry Informative Agency.

**EINECS No.** - (List of current European chemical substances) is registration number assigned to all chemical substances available for sale in European Union from January 1st, 1971 to September 18th, 1981.

**PBT**- Persistent, bio accumulative and toxic.

**VPvB**- Very persistent and bio accumulative substance.

**STOT SE**- toxic effect on specific target organ after single effect.

Information provided in this data sheet is based on data provided by the producer and are considered to be fair, using this product only for the provided purpose.