

SAFETY DATA SHEET

Prepared according to the requirements of § 31 of Regulation (EC) 1907/2006 (REACH)

Date 6 November 2013

Review date:

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance/mixture

Commercial name of the product

TURPENTINE-LINSEEDOIL — Wood protection product

Product identification code

TLO

1.2 Identification of the company/undertaking

1.2.1 Manufacturer, importer, etc.

Supplier:

Amello Grupp OÜ

Mustamäe tee 16

1.2.2 Postal address

Postal code and institution

10617 TALLINN

Telephone

+ 372 6 720 471

Fax

+372 6 720 455

e-mail

info@amello.ee

1.2.3 Emergency phone number

General emergency number: 112

Poisoning Information Centre: 16662

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance/mixture:

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

According to Regulation (EC) No 1272/2008, the product has been classified as hazardous.

Flammable liquids, hazard class 3; H226

Skin corrosion/irritation, hazard class 2; H315

Sensitisation, skin, hazard class 1; H317

Full texts of the above listed risk and safety phrases are provided in point 16. More detailed information about the health impacts and symptoms is provided in points 11 and 12.

2.2 Information on labelling



Marker word: **WARNING**

Hazard phrases:

H226 Flammable liquid and vapour
 H315 Causes skin irritation
 H317 May cause an allergic skin reaction

Precautionary phrases:

P102 Keep out of reach of children
 P280 Wear protective gloves
 P333 + P313 If skin irritation or rash occurs: get medical advice/attention

Names of the components on the label

Linseed oil, Orange turpentine

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Hazardous ingredients**

3.1.1 CAS No	3.1.2 Name of the substance	3.1.3 Concentration	3.1.4	3.1.5 Classification (EC) 1272/2008 [CLP]	3.1.6 Type
94266-47-4 EEC No: 304-454-3	Orange turpentine	ca 10%		Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	[1] [2]
8001-26-1 EINECS: 232-278-6	Linseed oil	ca 90%		Not classified as hazardous	

Full texts of the above listed risk and safety phrases are provided in point 16.

Type

[1] Substance has been classified as hazardous to health or environment.

[2] Substance for which an occupational exposure limit has been established.

[3] Substance that corresponds to the PBT (persistent, liable to bioaccumulate and toxic) requirements of Appendix 13 of Regulation (EC) No 1907/2006.

[4] Substance that corresponds to the vPvB (very persistent, very liable to bioaccumulate) requirements of Appendix 13 of Regulation (EC) No 1907/2006.

4. FIRST AID MEASURES**4.1 Specific instructions**

4.2 Inhalation

Remove person to fresh air, keep him/her at rest and warm.

If patient finds breathing difficult, apply artificial respiration and seek immediate medical advice.

4.3 Skin contact

Remove contaminated clothes and footwear. Wash with plenty of water and soap and apply moisturiser. In case of emergency, wipe larger quantities of substance off with a cloth moistened in solvent, smaller splashes with a cleaning emulsion or food oil and then wash.

4.4 Eye contact

Rinse immediately with clean water (for at least 15 minutes). Contact an eye doctor, if necessary.

4.5 If swallowed

Drink water or milk. Do not induce vomiting. If swallowed, seek medical attention.

5. FIREFIGHTING MEASURES

5.1 Appropriate firefighting means

CO₂, foam, dry chemical extinguishers may be used.

5.2 Firefighting means that are hazardous to use

Sprayed water

5.3 Specific risks of firefighting

Avoid inhalation of fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal protective gear and behaviour in an emergency

See points 7 and 8.

6.2 Environment protection measures

Avoid the product from getting into the ground, sewage system and groundwater.

6.3 Pollution control measures

Absorb with sand or other non-burning inert absorbent.

7. HANDLING AND STORAGE

7.1 Handling

Use in a well ventilated place. Avoid inhalation of fumes and skin and eye contact. Attention! Rags, wood chips and other flammable porous materials contaminated with the product may self-ignite, therefore, such items must be moistened with water before disposal, kept in a closed tin container or burned immediately.

7.2 Storage

Store in a well ventilated, dry and cool place, separately from food, in a tightly sealed containers, keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2 Engineering controls

Make sure that workplace ventilation is sufficient. If general ventilation is not sufficient, an effective local extraction system must be organised or (if possible) perform the task in a painting chamber or another room adjusted for such purpose.

8.3 Personal protective equipment

8.3.1 Special requirements for safety and hygiene

Individual occupational supervision of workers must be conducted carefully.

8.3.2 Respiratory system protection

If ventilation is insufficient, respiratory protection with filter A must be used.

8.3.3 Hands protection

Wearing protective gloves is recommended. (PVA or PVC)

8.3.4 Eye protection

Protection of eyes/face, if necessary.

8.3.5 Body protection

Protective clothing, if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Physical state, colour and odour	yellowish liquid
9.2	Data related to the change of the physical state	
9.2.1	Boiling point/boiling range	155-170 °C (90%) / Turpentine
9.3	Flashing point	39 °C / Turpentine
9.4	Self-ignition temperature	ca 255 °C / Turpentine
9.5	Explosive range	/ Turpentine
	a) lower	0.8 per cent by volume/ Turpentine
	b) upper	Not determined / Turpentine
9.6	Vapour pressure	399 Pa (20 °C alpha-pinene) / Turpentine
9.7	Relative density	850 kg/m ³ (20 °C) / Turpentine
9.8	Solubility	
	a) in water	Insoluble / Turpentine
	b) in fat	Not determined / Turpentine

10. STABILITY AND REACTIVITY

10.1 Dangerous reactions

If oil has filtered in a porous material: SELF-IGNITION HAZARD!

10.2 Avoidable substances

Strong acids, oxidisers and alkanes.

10.3 Dangerous degradation products

Dangerous degradation products are released when burning or kept at high temperatures.

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

See point 11.5

11.2 Irritation and causticity

May cause skin irritation for people with sensitive skin.

11.3 Sensitising

Skin contact may cause an allergic reaction.

11.5 Practical data about the effect on people

11.5.1 Upon inhalation

Inhalation of the fumes that are released from the solvent or the splashes created during the usage of the product may irritate the respiratory system and the mucous membrane and cause headache or nausea. Long-term inhalation of large amounts of the product fumes has a soporific effect and may cause nervous system disorders (e.g., tiredness, nervousness and sleeping disorders).

11.5.2 Skin contact

Repetitive skin contact removes the protective fat layer and may cause an allergic rash. Splashes irritate eyes.

11.5.3 Other effects -

12. ECOLOGICAL INFORMATION

12.5 Other data

Paint products must always be handled with care, they must not get into soil, sewage system or water bodies.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal of the product

Waste is collected and disposed according to the waste management plan approved by respective authorities. Liquid waste must be taken to hazardous waste management facilities or similar places.

13.2 Package waste

Empty and dry sales packages may be taken to hazardous waste management facilities or treated as general waste, if the first option is not possible.

14. TRANSPORT INFORMATION

14.1 UN number - 1263

14.3 Road transport III

14.3.1 Transport class VAK/ADR - 3/31c VAK – according to the transport requirements of paints etc.

14.4 Maritime transport 3.3 Paint related material

14.4.1 IMDG class - EMS-No 3-05; MFAG 310

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legal acts applied to the substances and mixtures

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH).

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 concerning the classification, labelling and packaging of chemicals (CLP).

Chemicals Act (RT I 1998, 47, 697).

Regulation No 293 of 18 September 2001 of the Government of the Republic "Limit values for chemical hazards in the working environment".

Waste Act (RT I 2004, 9, 52).

Regulation No 102 of 6 April 2004 of the Government of the Republic "List of waste, including hazardous waste".

Regulation No 118 of 14 December 2001 of the Minister of Transport and Communications "Road transport regulation of dangerous goods".

15.2 Chemical safety assessment

Chemical safety has not been assessed.

16. OTHER INFORMATION

16.1 The meanings of risk/hazard phrases and classifications (CLP) provided in point 3 have been listed below:

Full texts of hazard phrases:

H226 Flammable liquid and vapour

H315 Causes skin irritation

H317 May cause an allergic skin reaction

Full texts of CLP classification hazard classes:

Flam. Liq. 3 - Flammable liquids, hazard class 3

Skin Irrit. 2 - Skin corrosion/irritation, hazard class 2

Skin Sens. 1 - Skin sensitisation , hazard class 1

16.2 Intended usage

16.1.1 Expressed in words

Wood protection product used as paint

16.1.2 Usage code

16.3 User manual

Detailed instructions on the product label and product manual.

16.4 Other data

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16.5 Additional information

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