



Material Safety Data Sheet
According to 91/155 EEC

Driebergen juni 2008

1 Identification of substance/preparation and of the company / undertaking

Trade name: Turpentine
Article numbers: 1102, 1107, 1108, 1110, 1111, 1132

Company: Old Holland Classic Colours since 1664
Nijendal 36
3972 KC Driebergen
Netherland
Tel +31 (0343) 518224 Fax +31 (0343) 516342

2 Composition/Information on Ingredients

Chemical characterization:
CAS No Description
8006-64-2 Turpentine
Identification Number:
EINECS 232-350-7
EU number: 650-002-00-6

3. Hazards identification

Hazard description:



- **information concerning particular hazards for human and environment:**
- R 10 Flammable.
- R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R 36/38 Irritating to eyes and skin.

- R 43 May cause sensitisation by skin contact.
- R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R 65 Harmful: may cause lung damage if swallowed.

4. First-aid measures.

General information:

- Symptoms of poisoning may even occur after several hours: therefore medical observation for at least 48 hours after the accident.

After inhalation:

- Supply fresh air and to be sure call for a doctor.
- In case of unconsciousness place patient stable in side position for transportation.

After skin contact :

- Immediately wash with water and soap and rinse thoroughly.

After eye contact:

- Rinse opened eye for several minutes under running water. If symptoms persist, contact a doctor

After swallowing:

- Call for a doctor immediately.

5 Fire-fighting measures

Suitable extinguishing agents

- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- Protective equipment: Mount respiratory device.

6 Accidental release measures

Person-related safety precautions:

- Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

- Inform respective authorities in case of seepage into water.

Measures for cleaning/collecting;

- Absorb with liquid-binding material (sand diatomite, acid binders, universal binders, sawdust).
- Dispose contaminated material as waste according to item 13.
- Ensure adequate ventilation.

7 Handling and storage

Handling:

Information for safe handling:

- Ensure good ventilation/exhaustion at the workplace.

Information about fire – and explosion protection:

- Keep ignition sources away – Do not smoke.
Protect against electrostatic charges.

Storage:

- **Requirements to be met by storerooms and receptacles:**
No special requirements.
- **Information about storage in one common storage facility:**
No required.
- **Further information about storage conditions:**
Keep container tightly sealed.

8 Exposure controls/personal protection
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Additional with limit values that require monitoring at the workplace:

- No further data: see item 7

- 8006-64-2 TURPENTINE

OES Short-term value: 850 mg/m ³ , 150 ppm Long-term value 566 mg/m ³ , 100 ppmm

- **Additional information:** The list valid during the making were used as Basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work
Avoid contact with the eyes and skin.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



The gloves material has to be impermeable and resistant to the product /
The substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for
the product/ the preparation / the chemical mixture.

Selection of the glove material on consideration of the penetration
times, rate of diffusion and the degradation.

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks or quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles.

9 Physical and chemical properties

General information

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic

Change in condition

Melting point/Melting range: ca -55°C
Boiling point/ Boiling range: > 165°C

Flash point: 35°C

Ignition temperature: > 150°C

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion Limits:
Lower: 0.8 Vol %
Upper: 6 Vol %

Vapour pressure at 20°C 3 pHa

Density at 20°C 0.86-0.87 g/cm³

Solubility in / Miscibility with water at 20°C : 0.02 g/l

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

- No decomposition if used according to specifications;

Dangerous reactions: no dangerous reactions known,

11 Toxicological information

Acute toxicity:

Primary irritant effect:

- **On the skin:** Irritant to skin and mucous membranes.
- **On the eyes:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

12 Ecological information

Ecotoxicological effect:

- **Remark:** Toxic for fish
- **General notes:**
Generally not hazardous for water
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms.

13 Disposal considerations

Product:

- **Recommendation**
Must not be disposed together with household garbage. Do not allow products to reach sewage systems.
- **Uncleaned packaging:**
Recommendation: Disposal must be made according to official regulations.

14	Transport information
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Land transport ADR/RID (cross-border)



- ADR/RID class: 3 Flammable liquids
- Danger code (kemler): 30
- UN-Number: 1299
- Packaging group: 111 (3)
- Hazard label: 3
- Description of goods: 1299 Turpentine

Maritime transport IMDG:



- IMDG Class: 3
- UN Number: 1299
- Label: 3
- Packaging group: 111 (3)
- EMS Number: F-E, S-E
- Marine pollutant: No

Proper shipping name TURPENTINE

Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA class: 3
- UN/ID number: 1299
- Label: 3

- Packaging group: 111 (3)
- Proper shipping name: TURPENTINE

15 Regulatory information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU directives Ordinance on Hazardous Materials

Code letter and hazard designation of product:

Xn Harmful

N Dangerous for the environment.

Risk phrases:

10 Flammable.

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

36/38 Irritating to eyes and skin.

43 May cause sensitisation by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

Safety phrases :

24 Avoid contact with skin.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37 Wear suitable protective clothing and gloves

46 If swallowed, seek medical advice immediately and show this container or label.

62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

National regulations:

- Technical instructions (air):

Class	Share in %
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NK	>98
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Water hazard class: Generally not hazardous for water.

16 Other information:

This product information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- . Department issuing MSDS: Environmental department.
- . Contact: Old Holland Classic Colours