

Material Safety Data Sheet
According to 91/155 EEC

Printing date 19.03.2004

Reviewed on 21.02.2003


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

- Product details
- Trade name: Spraythinner for Paints and Varnish
- Application of the substance / the preparation
Lacquer solvent/ Varnish thinner
Spraythinner for one component paints and varnishes
- Manufacturer/Supplier:
W.HEEREN & ZOON BV
Postbus 166
1430 AD Aalsmeer
tel. +31-297-360366
fax. +31-297-342078
- Further information obtainable from: Department Research & Development
- Information in case of emergency: See under Manufacturer/Supplier

2 Composition/information on ingredients

- Chemical characterization:
- CAS No. Description
64742-49-0 Naphtha (petroleum), hydrotreated light
- Identification number(s)
- EINECS Number: 265-151-9
- EU Number: 649-328-00-1
- Chemical characterization

- Dangerous components:

CAS: 91995-38-9 EINECS: 295-298-4	Hydrocarbons, C4-6, depentanizer lights, arom. hydrotreater  T; R 45-65	0.1%
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3 Hazards identification

- Hazard description:



F Highly flammable

- Information concerning particular hazards for human and environment:
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
R 11 Highly flammable.
R 66 Repeated exposure may cause skin dryness or cracking.

4 First-aid measures

- After inhalation:
Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact:
Rinse opened eye for several minutes under running water.
- After swallowing: Seek medical treatment.

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5 Fire-fighting measures

- Suitable extinguishing agents:
CO₂, sand, extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents:
Water
Water with full jet
- Protective equipment: Wear fully protective suit.

6 Accidental release measures

- Person-related safety precautions: Ensure adequate ventilation
- Measures for environmental protection:
Do not allow to enter sewers/ surface or ground water.
- Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

7 Handling and storage

- Handling:
- Information for safe handling: Keep away from heat and direct sunlight.
- 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:
Store only in the original receptacle.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
Protect from heat and direct sunlight.

8 Exposure controls/personal protection

- Additional information about design of technical facilities:
No further data; see item 7.
- Ingredients with limit values that require monitoring at the workplace:
Not required.
- Additional information:
The lists valid during the making were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
Avoid contact with the eyes and skin.
- Respiratory protection:
Suitable respiratory protective device recommended.
- Protection of hands:
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

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- 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:	Undetermined.
Boiling point/Boiling range:	101°C

• Flash point: < 0°C

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

• Explosion limits:

Lower:	0.8 Vol %
Upper:	6.5 Vol %

• Vapour pressure at 20°C: 40 hPa

• Density: Not determined.

• Solubility in / Miscibility with water:

Not miscible or difficult to mix.

• Viscosity:

Kinematic at 20°C:	0.54 mm ² /s
Organic solvents:	99.9 %

10 Stability and reactivity

- Dangerous decomposition products:
No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
 - on the skin: No irritant effect.
 - on the eye: Irritating effect.
- Sensitization:
Sensitizing effect by skin contact is possible by prolonged exposure.

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12 Ecological information

- General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

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

14 Transport information

- Land transport ADR/RID (cross-border)



- ADR/RID class: 3 Flammable liquids.
- Danger code (Kemler): 33
- UN-Number: 1268
- Packaging group: II
- Hazard label 3
- Description of goods: 1268 PETROLEUM DISTILLATES, N.O.S. (Naphtha (petroleum), hydrotreated light, BENZENE)

- Maritime transport IMDG:



- IMDG Class: 3
- UN Number: 1268
- Label 3
- Packaging group: II
- EMS Number: F-E,S-E
- Marine pollutant: No
- Proper shipping name: PETROLEUM DISTILLATES, N.O.S.

- Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 3
- UN/ID Number: 1268
- Label 3
- Packaging group: II

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- Proper shipping name: PETROLEUM DISTILLATES, N.O.S.

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:
F Highly flammable
 - Risk phrases:
11 Highly flammable.
66 Repeated exposure may cause skin dryness or cracking.
 - Safety phrases:
2 Keep out of the reach of children.
7/9 Keep container tightly closed and in a well-ventilated place.
16 Keep away from sources of ignition - No smoking.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 - National regulations:
 - Technical instructions (air):
- | Class | Share in % |
|-------|------------|
| NK | 99.9 |
- Waterhazard class:
Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information

This 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.

- Relevant R-phrases
45 May cause cancer.
65 Harmful: may cause lung damage if swallowed.
- Department issuing MSDS: Department Research & Development
- Contact: T.J.H.M. van Steenes