
SAFETY DATA SHEET

1 Identification of the substance or preparation and the supplier

Product Name: **PENETRON PLUS**
Datasheet Number: 575506 2.0.0
Use of the substance/preparation: Penetrating oil
Product Part Number: 575505 (12 x 0.5 liter)

Name of Supplier: Unitor ASA
Address of Supplier: Willem Barentszstraat 50
3165 AB Rotterdam-Albrandswaard
The Netherlands

Telephone: +31 10 4877 777
Fax: +31 10 4877 888
Responsible Person: Leen de Visser, Corporate Product Safety Manager, Tel.: +31 6 538 63736

Name of Manufacturer: UNITOR CHEMICALS AS
Address of Manufacturer: P.O.Box 15
3141 Kjøpmannskjær
Norway.
Telephone: +47 333 515 00

Emergency Telephone: NCEC: +44 1865 407333
CHEMTREC (800) 424 9300
CMA +1 703 527 3887
Greece +30 1 7793777

2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Naphtha, low boiling, hydrogen treated	60-100	64742-82-1	265-185-4	65, 66	Xn
Hydrotreated heavy naphthenic distillate	10-30	64742-52-5	265-155-0	-	-
Methyl salicylate	1-5	119-36-8	204-317-7	22, 36/37/38	Xn

3 Hazards identification

- Odour: Characteristic odour, Smells of hydrocarbon
- Appearance: Liquid, colourless to yellow, insoluble in water
- Contact with eyes: Causes irritation
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: May cause dizziness, confusion, headache or stupor
- Ingestion: The ingestion of significant quantities may cause damage to lungs

3 Hazards identification (....)



Harmful

4 First aid measures

Contact with skin

- Wash affected area with plenty of water
- Contaminated clothing should be laundered before reuse

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for several minutes
- When in doubt or symptoms persist, seek medical attention

Ingestion

- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
- Give 200-300mls (half pint) water to drink
- Obtain immediate medical attention

Inhalation

- Remove patient to fresh air
- When in doubt or symptoms persist, seek medical attention

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5 Fire-fighting measures

- Auto-ignition point 230 deg C at 760 mm Hg
- Flash point >63 deg C (CC)
- Decomposition products may include carbon oxides

6 Accidental release measures

Personal Precautions

- Wear protective clothing as per section 8

Environmental Precautions

- Do not allow to enter public sewers and watercourses

Clean Up Actions

- Soak up with inert absorbent
- Wash spill site with water and detergent

7 Handling and storage

Handling

- The usual precautions for handling chemicals should be observed

Storage

- Keep away from open flames, hot surfaces and sources of ignition.

8 Exposure controls and personal protection

Exposure Limits

- There are no recommended or established controls for this product
- TLV (TWA) 275 mg/m³ (Naphtha, low boiling, hydrogen treated)

Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Wear plastic or rubber gloves



9 Physical and chemical properties

- Odour: Characteristic odour, Smells of hydrocarbon
- Appearance: Liquid, colourless to yellow, insoluble in water
- pH - not applicable
- Boiling point 180 °C to 270 °C at 760 mm /Hg
- Vapour density (air = 1) >1
- Insoluble in water
- Specific gravity (water=1) 0.81
- Flash point >63 deg C (CC)
- Auto-ignition point 230 deg C at 760 mm Hg
- Upper explosive limit 8 % (in air)

Lower explosive limit 0.6 % (in air)

10 Stability and reactivity

- This article is considered stable under normal conditions
- Keep away from naked flames, incandescent or hot surfaces
- See Section 5

11 Toxicological information

Toxicological information

- No experimental data available

Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

Contact with eyes

- Causes irritation

Ingestion

- The ingestion of significant quantities may cause damage to lungs
- Aspiration hazard

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

Ecotoxicity

- On available data, substance is not harmful to aquatic life

Mobility

- Insoluble in water

Persistence and Biodegradability

- Most components in this product are not readily biodegradable.

Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.

In its intended use, the product will not be released into the environment.

13 Disposal considerations

Classification

- EU Waste class: 07.01

Disposal considerations

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
 - Disposal should be in accordance with local, state or national legislation
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14 Transport information

14 Transport information (....)


Dangerous Substance

UN

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (contains naphtha)
 UN No.: 3082

Hazard Class: 9 Packing Group: III

Road/Rail (ADR/RID)

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (contains naphtha)
 ADR UN No.: 3082

ADR Hazard Class: 9 Tremcard: III

Sea (IMDG)

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (contains naphtha)
 IMDG UN No.: 3082

IMDG Hazard Class.: 9 IMDG Pack Group.: III

IMDG EmS: F-A, S-F IMDG subrisk: -

IMDG labels: 9 IMDG Flashpoint: > 63°C

Air (ICAO/IATA)

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (contains naphtha)
 ICAO Un No.: 3082

ICAO Hazard Class.: 9 ICAO Packing Group.: III

ICAO subrisk: - ICAO Labels: 9

ICAO Flashpoint: > 63°C

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (contains naphtha)
 Hazardous Material: Naphtha

Hazard Class: 9 Identification Number: UN 3082

Product RQ (lbs): N/E DOT subrisk: -

DOT labels: 9 DOT Flashpoint: >63°C

14 Transport information (....)

15 Regulatory information



Harmful

Risk Phrases

- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)

Safety Phrases

- Do not breathe vapours excessively (S23)
- Wear eye/face protection (S39)
- If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label (S62)

16 Other information

(R22: Harmful if swallowed. R36/37/38: Irritating to eyes, respiratory system and skin. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.)

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)