
SAFETY DATA SHEET

1 Identification of the substance or preparation and the supplier

Product Name: **SEACLEAN PLUS**
Datasheet Number: 654715 4.0.0
Use of the substance/preparation: Cleaning agent
Product Part Number: 654715 (25 liter), 654723 (210 liter)
Recommended / Intended use: : Cleaning agent
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 Kjølmannskjær
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 (petroleum), hydrotreated heavy	60-100	64742-48-9	265-150-3	65, 66	Xn
Fatty alcohol ethoxylate	10-30	34398-01-1	500-084-3	41	Xi

3 Hazards identification

- Odour: Hydrocarbon odour
- Appearance: Liquid, pale amber, dispersible in water
- Contact with eyes: May cause severe irritation, Risk of serious damage to eyes (R41)
- Contact with skin: Repeated exposure may cause skin dryness or cracking (R66)
- Inhalation: In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Ingestion: Harmful: may cause lung damage if swallowed (R65)

3 Hazards identification (....)



Harmful

4 First aid measures

Contact with skin

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

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- Obtain immediate medical attention

Ingestion

- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
- Never give anything by mouth to an unconscious person
- Give water or milk to drink

Inhalation

- Remove patient to fresh air

General

- When in doubt or symptoms persist, seek medical attention

5 Fire-fighting measures

- Auto-ignition point 225 deg C at 760 mm Hg
- Flash point 66 deg C (CC) , Lower flammability limit 0.7%(in air), Upper flammability limit 6%(in air)
- Decomposition products may include carbon oxides
- In case of fire use water, foam, carbon dioxide or dry agent (S43)
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Keep container(s) exposed to fire cool, by spraying with water

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

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

6 Accidental release measures (....)

Special Precautions

- Wear protective clothing as per section 8

7 Handling and storage

Handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)

Storage

- Keep container tightly closed, in a cool, well ventilated place (S3/7/9)
- Keep away from open flames, hot surfaces and sources of ignition.

8 Exposure controls and personal protection

Exposure Limits

- OES / STEL 275 ppm

Exposure controls

- No special ventilation is required unless the product is used in a spray form

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
- Wear approved respirator if exposure likely to exceed MEL/OES



9 Physical and chemical properties

- Odour: Hydrocarbon odour
- Appearance: Liquid, pale amber, dispersible in water
- pH - not applicable
- Boiling point 187 °C to 211 °C at 760 mm /Hg
- Vapour pressure - not known
- Vapour density (air = 1) >1
- Freezing point unknown
- Emulsifies in water
- Specific gravity (water=1) 0.81
- Flash point 66 deg C (CC) , Lower flammability limit 0.7%(in air), Upper flammability limit 6%(in air)
- Auto-ignition point 225 deg C at 760 mm Hg
- Lower explosive limit 0.7 % (in air)

Upper explosive limit 6 % (in air)

10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating, Keep away from naked flames, incandescent or hot surfaces

11 Toxicological information

Toxicological information

- No experimental data available

Inhalation

- In cases of severe exposure, dizziness, confusion, headache or stupor may develop

Contact with skin

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

Contact with eyes

- In cases of severe exposure, severe irritation may develop
- Risk of serious damage to eyes (R41)

Ingestion

- Harmful: may cause lung damage if swallowed (R65)
- The ingestion of significant quantities may cause chronic pneumonitis

Carcinogenicity

- No evidence of carcinogenic effects

12 Ecological information

Ecotoxicity

- This product has been evaluated on its behaviour in the environment by "The TNO Institute of Environmental Sciences" (The Netherlands organisation for applied Scientific Research).
- Based upon their report, IMO's BCH Working Group on the Evaluation of Safety and Pollution Hazards approved this product for use as tank cleaning agent by chemical tankers.
- LC50 (fish) >100 mg/l (96 hr)
- IC50 (algae) >100 mg/l (72 hr)
- EC50 (daphnia) >100 mg/l (48 hr)

Mobility

- Emulsifies in water

Persistence and Biodegradability

- The components in this product are readily biodegradable.

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects

- Presents little or no hazard to the aquatic 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

- Not classified as hazardous for transport
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15 Regulatory information



Harmful

Risk Phrases

- Risk of serious damage to eyes (R41)
- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)

Safety Phrases

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)
 - Avoid contact with skin (S24)
 - Do not breathe vapour/fumes (S23)
 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
 - Wear suitable gloves and eye/face protection (S37/39)
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16 Other information

(R41: Risk of serious damage to eyes. 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)