SAFETY DATA SHEET

1 Identification of the substance or preparation and the supplier

Product Name:	**ENVIROCLEAN**
Datasheet Number:	571380 3. 0. 0
Use of the substance/preparation:	Cleaning agent
Product Part Number:	571380 (25 liter), 571398 (210 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
Orange Terpenes	5-10	68647-72-3	232-433-8	10, 65	Xi
Fatty alcohol ethoxylate	10-30	34398-01-1	500-084-3	41	Xi
Quaternary fatty amine ethoxylate	1-5	61791-10-4	N/A	41, 51/53	Xi, N
Dipropionate	1-5	90170-43-7	290-476-8	36	Xi

3 Hazards identification

- Odour: Lemon odour
- Appearance: Liquid, orange, soluble in water
- Contact with eyes: Causes severe irritation, Risk of serious damage to eyes (R41)
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: Mildly irritating to respiratory system
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

3 Hazards identification (....)

Irritant

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

- Never make an unconscious person vomit or drink fluids
- Give 200-300mls (half pint) water to drink
- Seek medical attention if ill effects occur

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

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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

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)
- Eyewash bottles should be available

Storage

- Keep in a cool, well ventilated place (S3/9)
- Protect from frost

8 Exposure controls and personal protection

Exposure Limits

- No exposure limits have been set for this substance

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)
- No respiratory protection is required unless subject to contact with substance mist
- During fumigation/spraying wear suitable respiratory equipment (S42)

9 Physical and chemical properties

- Odour: Lemon odour
- Appearance: Liquid, orange, soluble in water
- pH 8 - 9 at 100 % concentration
- Boiling point >100 °C at 760 mm /Hg
- Vapour pressure - not known
- Vapour density - not known
- Freezing point <0 °C at 760 mm/Hg
- Completely soluble in water
- Specific gravity (water=1) 0.99

10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating

11 Toxicological information

Toxicological information

- LD50 (oral,rat) > 2000 mg/kg

Inhalation

- In cases of severe exposure, irritation may develop

Contact with skin

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

Contact with eyes

- May cause severe irritation
- Can cause damage to the eyes

Ingestion

- No effects for small dosage. Large dose effects not known
- May cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects

12 Ecological information

Ecotoxicity

- This product contains components which are classified in the EU as dangerous for the environment.
- The product was found to meet the requirements of paragraph 1.8.2 of the P&A Standards and is included in MEPC.2/Circ.8

Mobility

- Completely soluble in water

Persistence and Biodegradability

- Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects

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

13 Disposal considerations

Classification

- EU Waste class: 07.06

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

14 Transport information

- Not classified as hazardous for transport

15 Regulatory information

Irritant

Risk Phrases

- Risk of serious damage to eyes (R41)
- Irritating to skin (R38)
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

Safety Phrases

- Avoid contact with skin and eyes (S24/25)
- 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)

16 Other information

(R10: Flammable. R36: Irritating to eyes. R41: Risk of serious damage to eyes. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed.)

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)