

SAFETY DATA SHEET

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

Product Name: **DECK CLEAN NP**
 Datasheet Number: 765990 2.0.0
 Use of the substance/preparation: Cleaning agent
 Product Part Number: 765990 (25L)
 Name of Supplier: Wilhelmsen Ships Service AS
 Address of Supplier: Willem Barentszstraat 50
 3165 A B
 Rotterdam
 Telephone: +31 10 4877 777
 Fax: +31 10 4877 888
 Responsible Person: Patrick Rijsdijk, Corporate Product HSE Manager, Tel.: +31 6 349 44 035
 Email: Patrick.Rijsdijk@Wilhelmsen.com
 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
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

2 Hazards identification

- Odour: Perceptible odour
- Appearance: colourless
- Contact with eyes: Can cause damage to the eyes
- Contact with skin: Causes burns (R34)
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause damage to digestive system



Corrosive

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Methanesulphonic acid	10-30	75-75-2	200-898-6	34	C
2-(butoxyethoxy)ethanol	1-5	112-34-5	203-961-6	36	Xi

*See Section 16

4 First aid measures

Contact with skin

- Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water

4 First aid measures (....)

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

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
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

Ingestion

- Do not induce vomiting
- Seek immediate medical attention
- Give plenty of water to drink
- Never give anything by mouth to an unconscious person

Inhalation

- Remove patient to fresh air
 - Keep warm and at rest, in a half upright position. Loosen clothing
 - Seek medical advice
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5 Fire-fighting measures

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
 - Keep container(s) exposed to fire cool, by spraying with water
 - Smoke from fires is corrosive. Take precautions to protect personnel from exposure
 - Substance evolves toxic fumes, wear self-contained breathing apparatus
 - In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
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6 Accidental release measures

Personal Precautions

- Wear suitable respiratory protection
- Wear protective clothing as per section 8

Clean Up Actions

- Neutralise with Lime
 - Neutralise with Soda ash
 - Absorb spillage in earth or sand
 - Ventilate the area and wash spill site after material pick-up is complete
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7 Handling and storage

Handling

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

Storage

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
 - Keep in acid store
 - Protect from frost
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8 Exposure controls and personal protection

8 Exposure controls and personal protection (....)

Exposure Limits

- 2-2(butoxyethoxy)ethanol
OES / LTEL 68 mg/m³

Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable

Occupational exposure controls

- In case of insufficient ventilation, wear suitable respiratory equipment (S38)
- Wear neoprene or nitrile gloves



Visor



Gloves



Boots



Suit

9 Physical and chemical properties

- Odour: Perceptible odour
- Appearance: colourless
- pH 1.5 - 2.5 at 1 % concentration
- Boiling point >100 °C
- Completely soluble in water
- Density 1,15-1,17 kg/m³ at 20 °C

10 Stability and reactivity

- Considered stable under normal conditions, No hazardous reactions known if used for its intended purpose
- Avoid contact with alkalis (strong bases), Avoid overheating
- Decomposition products may include oxides of sulphur and carbon
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- Contact with nitrite (e.g. Dieselguard NB, Rocor NB Liquid) liberates toxic gas.

11 Toxicological information

Inhalation

- Can cause damage to the respiratory system

Contact with skin

- Can cause damage to the skin
- Prolonged skin or eye contact may cause chemical burns

Contact with eyes

- Can cause damage to the eyes
- Prolonged skin or eye contact may cause chemical burns

Ingestion

- Not regarded as a potential route of exposure.
- The ingestion of significant quantities may cause damage to mucous membranes

Carcinogenicity

- No evidence of carcinogenic effects

12 Ecological information

Ecotoxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

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.

13 Disposal considerations

Classification

- This material and/or its container must be disposed of as hazardous waste

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



Corrosive

Proper Shipping Name: Corrosive liquid, acidic, organic, n.o.s.
(Methanesulphonic acid solution)

Emergency Action Code

UN

Road/Rail (ADR/RID)

Proper Shipping Name:	Corrosive liquid, acidic, organic, n.o.s. (Methanesulphonic acid solution)		
ADR UN No.:	3265	ADR Hazard Class:	8
ADR Packing Group:	III	ADR subrisk:	N/A
ADR-RID Labels:	8	ADR Flashpoint:	N/A

Sea (IMDG)

Proper Shipping Name:	Corrosive liquid, acidic, organic, n.o.s. (Methanesulphonic acid solution)		
IMDG UN No.:	3265	IMDG Hazard Class.:	8
IMDG Pack Group.:	III	IMDG EmS:	F-A, S-B
IMDG subrisk:	N/A	IMDG Labels:	8
IMDG Flashpoint:	N/A		

14 Transport information (....)

Air (ICAO/IATA)

Proper Shipping Name:	Corrosive liquid, acidic, organic, n.o.s. (Methanesulphonic acid solution)		
ICAO Un No.:	3265	ICAO Hazard Class.:	8
ICAO Packing Group.:	III	ICAO subrisk:	N/A
ICAO Labels:	8	ICAO Flashpoint:	N/A

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name:	Corrosive liquid, acidic, organic, n.o.s. (Methanesulphonic acid solution)		
Hazardous Material:	Methanesulphonic acid	Hazard Class:	8
Identification Number:	UN3265	Product RQ (lbs):	N/A
DOT subrisk:	N/A	DOT Labels:	8
DOT Flashpoint:	N/A		

15 Regulatory information

Corrosive

Risk Phrases

- Causes burns (R34)
- Harmful in contact with skin and if swallowed (R21/22)

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes.

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)

16 Other information (....)

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

This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH...

Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:

Nonionic surfactants	5	%
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